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UNIVERSITY OF ILLINOIS
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VOLUME NINE

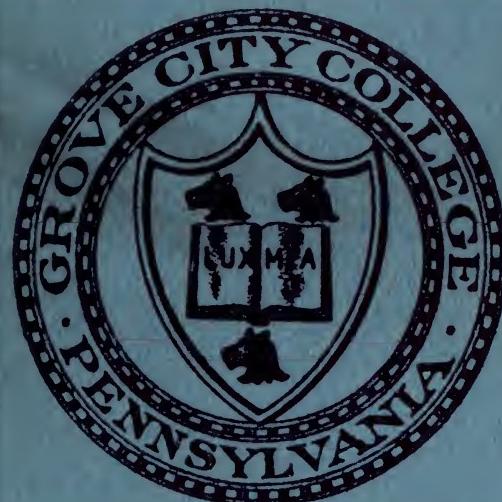
NUMBER TWO

OCTOBER, 1913

GROVE CITY COLLEGE

GROVE CITY

PENNSYLVANIA



BULLETIN CATALOGUE

1913-1914

ISSUED QUARTERLY BY THE COLLEGE

Entered June 23, 1906, at the Post Office at Grove City, Pennsylvania, under
the Act of Congress of July 16, 1904, as Second Class Matter.



I. C. KETLER, Ph. D., D. D., LL. D.
Late President

EDITORIAL

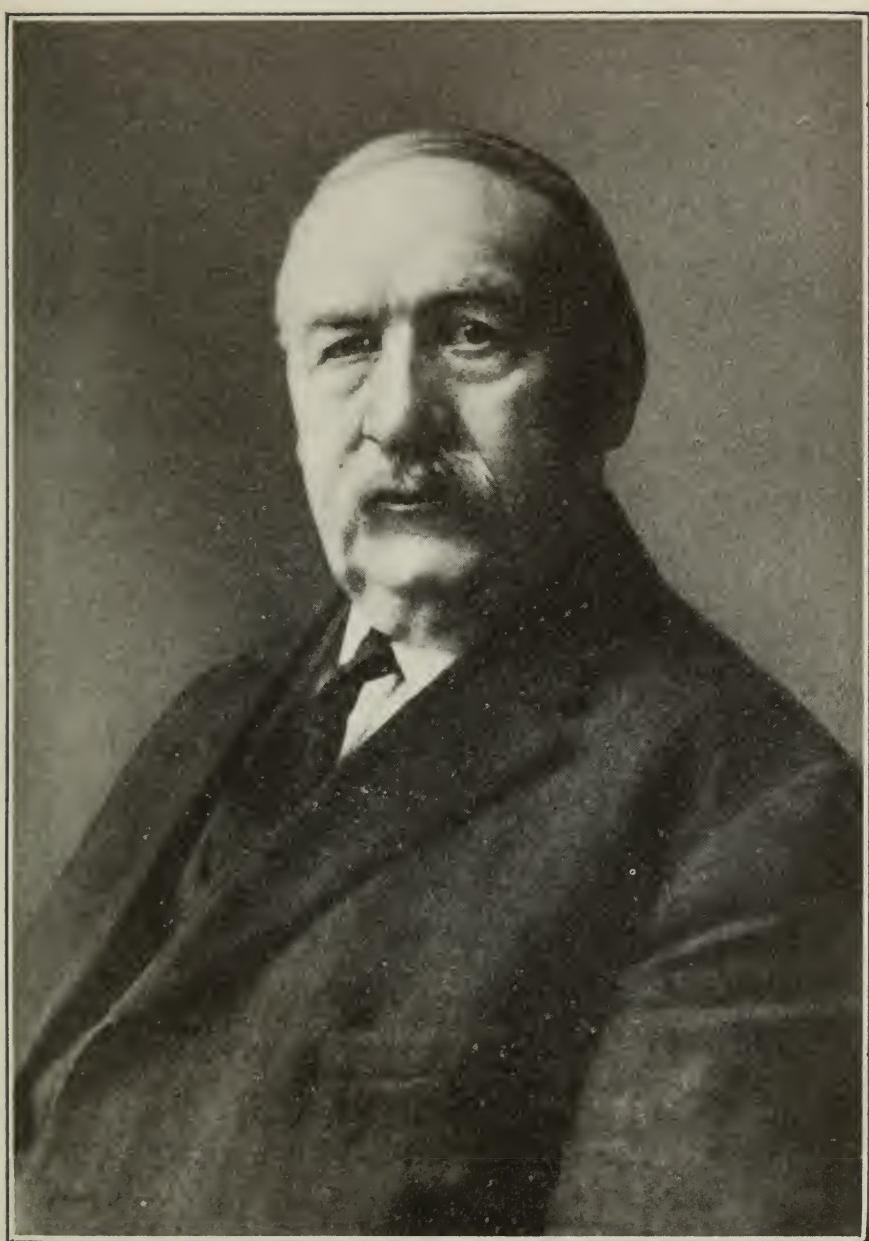
The College mourns the death of its late President, Isaac C. Ketler, Ph.D., D.D., LL.D., who died July 2, 1913. He was in his sixty-first year, having been born in Northumberland County, Pennsylvania, January 21st, 1853. The College had its origin in the coming of Dr. Ketler to Grove City, then Pine Grove, March 11, 1876, to organize a select school. The growth from that unpromising beginning in a small second story room to the College of to-day is a unique and unprecedented record. It speaks eloquently of the life and work, the faith and the endeavor, the sacrifice and the vision of the founder. As teacher and President, adviser and executive, Dr. Ketler has been the moving spirit in the building up of the College. He has stamped high Christian ideals upon the institution,—ideals of character and scholarship, manhood and womanhood that have given the College the good name and fair fame it now possesses.

Three literary works of high rank bear the late President's name: "The Pilgrims", an epic poem, "The Tragedy of Pao-Ting-Fu", and "Studies in Metaphysics",—the last being in the process of publication at the time of his death.

At the meeting of the Board of Trustees on July 26th, Dr. Alexander Thomas Ormond, Ph. D., LL. D., Professor of Philosophy at Princeton University, was unanimously chosen as the successor of the late President Ketler. Grove City College is extremely fortunate in having a man of the broad experience and thorough scholarship of Dr. Ormond as its new President. Dr. Ormond has for several years been doing work in the department of Philosophy in the

Summer term at Grove City College, and is thoroughly in touch with all of the ideals of the institution.

Every assurance can be given that the work of the College will pursue the same ideals of thorough education and Christian training that have governed its development from the beginning. Under the leadership of Dr. Ormond, Grove City College will go on to broader developments and greater things.



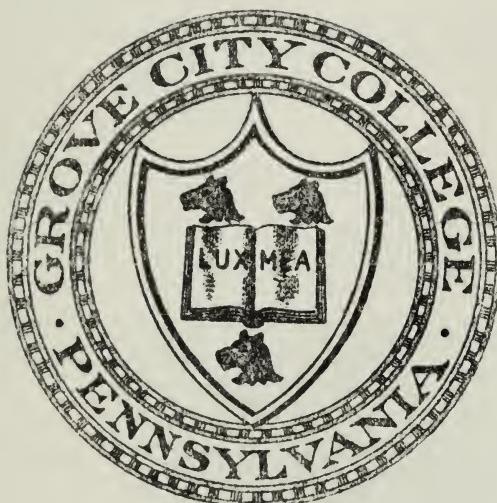
A. J. ORMOND, Ph. D., L. L. D.
President-Elect

Thirty-Eighth Year

Grove City College

Catalogue for 1912-1913

*With Calendar and Courses of
Study for the Year 1913-1914*



Grove City . . . Penn'a



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CALENDAR

1913.

- Sept. 23, Tuesday..... Fall term begins 9 A. M.
Term continues twelve weeks.
- Dec. 8, Monday.....
Dec. 9, Tuesday.....
Dec. 10, Wednesday.... } Final Examinations.

1914.

- Dec. 30, Tuesday (1913) Winter term begins, 9 A. M.
Term continues twelve weeks.
- Jan. 13, Tuesday..... Trustees meeting.
- Mar. 16, Monday.....
Mar. 17, Tuesday.....
Mar. 18, Wednesday... } Final Examinations.
- Mar. 24, Tuesday..... Spring term begins, 9 A. M.
Term continues twelve weeks.
- May 31, Sabbath..... Annual sermon to the Christian Associa-tions.
- June 4, Thursday.....
June 5, Friday.....
June 6, Saturday.... } Final Examinations.
- June 7, Sabbath..... Baccalaureate services, 8 P. M.
- June 8, Monday..... Graduating exercises of the Music Depart-ment.
- June 9, Tuesday..... Class day exercises, 10 A. M.
Trustees meeting, 11 A. M.
Art reception, 9:30 A. M.; 2 to 5 P. M.
President's reception, 8 P. M.
- June 10, Wednesday..... Commencement exercises, 10 A. M.
Conferring of degrees, 1:30 P. M.
Junior Oratorical Contest, 8 P. M.
- June 16, Tuesday..... Summer term begins, 9 A. M.
- June 18, Thursday..... School of Pedagogy begins, 9 A. M.
- July 30, Thursday..... Bible Conference begins.
- Sept. 22, Tuesday..... Fall term begins.

1915.

- Dec. 29, Tuesday (1914) Winter term begins.
- Mar. 23, Tuesday..... Spring term begins.
- June 15, Tuesday..... Summer term begins.

THE CORPORATION

GROVE CITY COLLEGE was first incorporated as an Academy, April 7th, 1879. It was re-incorporated as a College, November 21, 1884. The corporation consists of a self-perpetuating body of thirty elected members, each holding office for three years, and the President of the Faculty, who is a member ex-officio. One-third of the elected members go out of office each year at the June meeting, when their successors are elected by the remaining members of the Board. The term of office of Class I expires 1914; of Class II, 1915; of Class III, 1916.

Grove City College is the outgrowth of the work in higher education begun at Pine Grove, now Grove City, Pennsylvania, on the 11th of April, 1876, by the late President, Isaac C. Ketler, D.D., LL.D., Ph.D.

TRUSTEES

Class 1 (Term expires 1914)

When first elected		Residence
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1902	MARK W. GRAHAM.....	Grove City
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1912	J. HOWARD PEW.....	Ardmore
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1912	REV. D. A. McCLENAHAN, D.D.....	Pittsburgh
1912	HARRY W. WILSON.....	Indiana
1888	REV. W. J. McCONKEY, D.D.....	Grove City
1912	W. H. ROBINSON.....	Pittsburgh
1913	A. T. ORMOND, Ph.D., LL.D., Ex-Officio.	

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GROVE CITY NATIONAL BANK, GROVE CITY.....	Treasurer
E. B. HARSHAW, Cashier.	

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A. T. ORMOND.	

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President elect and Professor of Philosophy.

ISAAC C. KETLER, Ph.D., D.D., LL.D.,
Late President (deceased).

OTTO J. SIEPLEIN, M.S., Ph.D.,
(Case School of Applied Science, M.S.; University of Bonn, Germany, Ph.D.)
Professor of Chemistry and Registrar.

ALVA J. CALDERWOOD, Ph. D.,
(Grove City College, A.B.; Harvard University, A.B.; Grove City College, Ph.D.)
Professor of Latin.

HERBERT W. HARMON, B.S., M.L.,
(Hobart College, M.L.; Cornell University, B.S.)
Professor of Physics and Mechanics.

SAMUEL GRANT OLIPHANT, Ph.D.,
(Princeton University, B.A., M.A.; Johns Hopkins University, Ph.D.)
Professor of Greek.

REV. ROBERT SCOTT CALDER, Ph.D., D.D.,
(Washington and Jefferson, A.B., A.M.; University of Leipsic, Germany; University of Chicago; Grove City College, Ph.D.; Bellevue College, D.D.)
College Pastor and Professor of Logic and Ethics.

WEIR C. KETLER,
(Grove City College, A.B., A.M.; Yale University, A.B.)
Professor of Economics and Higher Mathematics.

LUTHER B. HENDERSON, B.S., B.D., M.A.,
(New York University, B.S.; Yale University, B.D., M.A. 1910-11-12,
Universities of Berlin, Marburg and Göttingen, Germany.)
Professor of Education and the Bible.

THOMAS L. CLINE, A.B., A.M.,
(Roanoke College, A.B.; Princeton University, A.M.)
Professor of English.

HAROLD O. WHITE, A.B.,
(Hamilton College, A.B.)
Associate Professor in the Classics.

ELINOR M. CARUTHERS, A.M., Ph.D.,
(University of Wooster, Ohio, A.B.; University of Leipsic, Germany;
University of Michigan; Grove City College, Ph.D.)

*LUCY BARTHOLOMEW, A.B.,
(University of Denver, A.B.)
Professor of French.

*Resigned.

GEORGINA GROLEAU,
Professor of French.

RAY E. TORREY, B.S.,
(Massachusetts Agricultural College, B.S.)
Professor of Biology.

*BEATRICE M. TEAGUE, A.B.,
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Instructor in Elocution.

LeROY LAWTHER, A.B.,
(Grove City College, A.B.)
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(Grove City College, A.B.)
Instructor in Mathematics.

CREIG S. HOYT, B.S.,
(Grove City College, B.S.)
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KATHERINE GRIFFIN,
(Emerson School of Oratory.)
Instructor in Elocution.

EVELYN PEW LOCKHART,
Instructor in Girls' Gymnasium.

OTHER FACULTIES

MUSIC CONSERVATORY

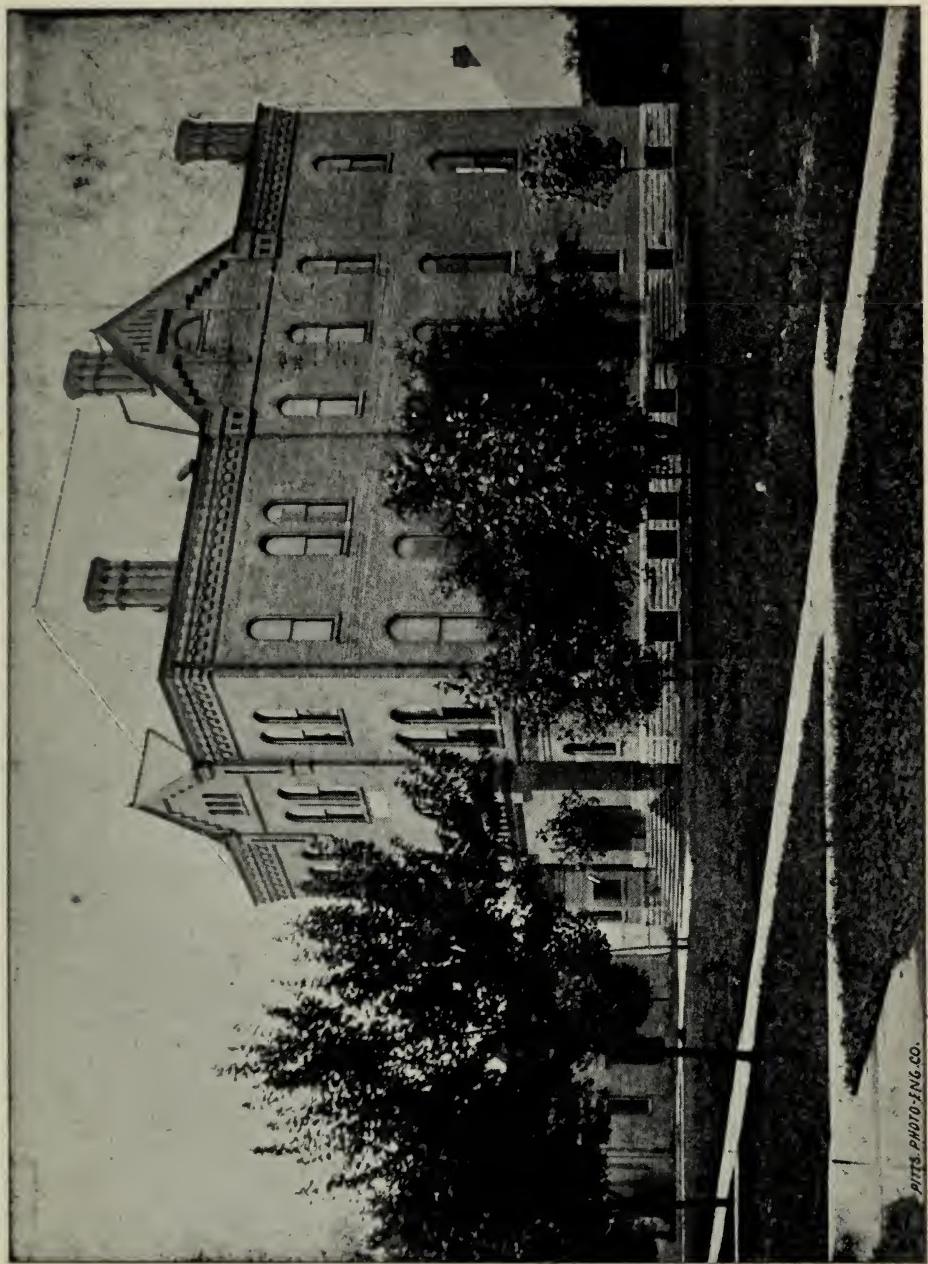
HERR HERMANN POEHLmann, Mus.D.,
(Late Professor in the Royal Conservatory of Music, Dresden,
Saxony.)
Director of the Music Department and Professor of Piano, Voice
and Violin.

HERR GUSTAV MEHNER,
(Late Professor in the Royal Conservatory of Music, Dresden,
Saxony.)
Professor of Pipe Organ, Piano and Harmony.

JENNIE HASKELL GLENN,
(Grove City College.)
Assistant Teacher of Piano and Harmony.

MRS. LOIS CORY THOMPSON, B.L.,
(Ohio Wesleyan University, B.L.)
Assistant Teacher of Voice.

*Resigned.



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(Grove City College; Academy of Fine Arts, Philadelphia.)
Instructor in Art.

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(Gem City Business College; Rochester Business Institute.)
Principal and Instructor in Commercial Branches.

MAYE MORROW,
Instructor in Stenography and Typewriting.

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Professor of Latin.

SAMUEL GRANT OLIPHANT, Ph. D.,
Professor of Greek.

HAROLD O. WHITE, A.B.,
Associate Professor in the Classics.

OTTO J. SIEPLEIN, M.S., Ph. D.,
Professor of Chemistry.

HERBERT W. HARMON, B.S., M.L.,
Professor of Physics.

ELINOR M. CARUTHERS, A.M., Ph. D.,
Professor of German.

WEIR C. KETLER, A.M.,
Professor of Mathematics.

*LUCY BARTHOLOMEW, A.B.,
Professor of French.

RAY E. TORREY, B.S.,
Professor of Biology.

E. C. MYERS,
Instructor in Penmanship and Orthography.

LeROY LAWTHER, A.B.,
Instructor in Greek and History.

G. GLENN ANDERSON, A.B.,
Instructor in Mathematics.

*Resigned.

THE SUMMER FACULTY FOR 1913

ALEXANDER T. ORMOND, Ph.D., LL.D.,
President elect. Philosophy.

ISAAC C. KETLER, Ph.D., D.D., LL.D., (deceased),
Late President. Philosophy.

OTTO J. SIEPLEIN, M.S., Ph.D.,
Registrar. Chemistry.

ALVA J. CALDERWOOD, A.M., Ph.D.,
Latin.

WEIR C. KETLER, A.M.,
Higher Mathematics and Economics.

HERBERT W. HARMON, B.S., M.L.,
Physics and Physical Geography.

SAMUEL GRANT OLIPHANT, Ph.D.,
Greek.

ROBERT SCOTT CALDER, D.D., Ph.D.,
College Pastor. Bible and Logic.

JOHN WATSON, LL.D.,
(Professor of Philosophy, Queens University, Kingston, Ont.)
Philosophy.

LUTHER B. HENDERSON, B.S., B.D., M.A.,
Education and English Language.

THOMAS L. CLINE, A.B., A.M.,
English Literature.

JOHN S. DUNCAN, D.D.,
English Literature.

HAROLD O. WHITE, A.B.,
Latin.

ELINOR M. CARUTHERS, A.M., Ph.D.,
German.

GEORGINA GROLEAU,
French.

RAY E. TORREY, B.S.,
Biology.

G. GLENN ANDERSON, A.B.,
Mathematics.

CREIG S. HOYT, B.S.,
Chemistry.

E. C. MYERS,
Commercial Branches.

HETTIE JOE COULTER,
Stenography and Typewriting.

HERMANN POEHLmann, Mus.D.,
Piano, Voice, and Violin.

JENNIE HASKELL GLENN,
Piano and Harmony.

D. VINCENT GRAY,
Organ.

LILIAN McCONKEY,
Art.

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Director. School Management.

SAMUEL HAMILTON,
(Allegheny County.)

SUPT. J. M. COUGHLIN,
(Wilkes-Barre, Pa.)

SUPT. J. B. RICHEY,
(McKeesport.)

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(Williamsport.)

CHARLES F. HOBAN,
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(Slippery Rock State Normal School.)
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Civics and Political Geography.

MARGARET LYNCH,
(Supt. of Schools, Larchmont, N. Y.)
Grade Methods.

ANNA B. THOMAS,
(Calif. State Normal School.)
Primary Methods.

BEATRICE WELLER,
(Iowa State Normal School; University of Minnesota; Pratt Institute;
Ethical Culture School.)
School Art.

SPECIAL LECTURER IN ARCHEOLOGY,
SIR WILLIAM RAMSAY,
Oxford University.

SCHOOL OF AGRICULTURE,
H. A. SURFACE,
(State Economic Zoologist.)
The Sciences and Agriculture.

GEORGE B. STICHTER,
(State Orchard Inspector.)
Trees and Orchards.

GEORGE C. McBRIDE,
(Mercer County Agriculturist.)
Farm Problems.

WILLIAM H. DARST,
(State College.)
Grains.

J. W. COX,
(State Orchard Inspector.)
Orchard Inspection and Protection.

OTTO J. SIEPLEIN, M.S., Ph.D.,
Chemistry in its relation to Agriculture.

RAY E. TORREY, B.S.,
Biology in its relation to Agriculture.

BIBLE SCHOOL INSTRUCTORS FOR 1913

SIR WILLIAM RAMSAY,

(Oxford University.)

Archaeology and New Testament Problems.

REV. JOHN THOMAS.

REV. SAMUEL SEMPLE, D.D.

REV. CHARLES L. GOODELL, D.D.

PROFESSOR GEORGE M. SLEETH,

(Pittsburgh Theological Seminaries.)

Sacred Oratory.

OLD TESTAMENT INSTRUCTORS

PROFESSOR GEORGE L. ROBINSON, D.D., McCormick Theological Seminary.

PROFESSOR D. A. McCLENAHAN, D.D., Allegheny Theological Seminary.

PROFESSOR HUGH BLACK, D.D., Union Theological Seminary.

NEW TESTAMENT INSTRUCTORS

PROFESSOR GEORGE W. RICHARDS, D.D., Reformed Theological Seminary.

PROFESSOR WILLIAM R. FARMER, D.D., Western Theological Seminary.

SCHOOL OF MISSIONS

BISHOP WILLIAM F. OLDHAM, Secretary of the Board of Missions of the Methodist Episcopal Church.

MRS. WILLIAM F. OLDHAM, Missionary to Singapore, Malay Peninsula.

MR. DAN CRAWFORD, Missionary to Central Africa.

REV. CHARLES A. KILLIE, Missionary to Pao Ting Fu, China.

MISS CHARLOTTE E. HAWES, Missionary to China.

DEPARTMENT OF PHILOSOPHY

PRESIDENT ELECT ALEXANDER T. ORMOND,
Philosophy of Religion.

PROFESSOR JOHN WATSON,
Recent Philosophers.

FACULTY OFFICERS AND COMMITTEES

ALEXANDER T. ORMOND, Ph.D., LL.D.....	President
OTTO J. SIEPLEIN, M.S., Ph.D.....	Registrar
WEIR C. KETLER, A.M.....	Secretary
MRS. LOIS CORY-THOMPSON.....	Dean of the Ladies' Dormitories
ADALINE E. AVERY.....	Matron of the Ladies' Dormitories
MRS. AGNES HENDERSON.....	Librarian
FRANCES DIGHT.....	Secretary to the President
MAYE MORROW.....	Stenographer
E. C. MYERS.....	Accountant
WALKER MORLEDGE.....	Assistant to the Registrar
WILLIAM SHORTS.....	Engineer
ELMER SHORTS.....	Janitor

ADVISORY AND MATRICULATION COMMITTEE

PRESIDENT ORMOND,	DR. SIEPLEIN,
PROFESSOR KETLER,	DR. CALDERWOOD.

THE COLLEGE COURSES

The Courses leading to the degrees of Bachelor of Arts, Science and Philosophy require 180 hours' work beyond that necessary for entrance to the Freshman class. This means four years' work of 45 hours per year, or 15 hours per term. Work in Elocution, two terms of two hours per week, is required of all Freshmen. This work is extra-curriculum, but obligatory; that is, no credit on the college course of 180 hours is allowed for it.

REQUIREMENTS IN HOURS FOR THE DEGREES

	A.B.	B.S.	Ph.B.
Latin	18		
Greek	18		
German		18	
Language			18
English	15	15	15
Mathematics	12	21	12
Science	18		18
Natural Science		9	
Chemistry		21	
Physics		21	
Psychology	6	6	6
Philosophy	3	3	3
History and Political Science			18
Bible	12	12	12
Senior Courses	9	9	9
Elective	69	45	69
	—	—	—
	180	180	180

A.B. The required Latin is beyond fourth year high school Latin. The required Greek is in addition to two terms of Anabasis and one term of Homer.

Students may substitute 18 hours German or French of equal grade (beginning with German 7 or French 7) for the last three years of Greek. This substitution must be entire, not partial and all candidates for the A.B. degree must offer at least one year of Greek (Elementary Greek and one book of Xenophon's *Anabasis*).

Students for B.S. may substitute French for German; these languages are on the same basis as for the students for A.B.

Students for Ph.B. must take the required 18 hours in some one language.

The large number of hours allowed for electives gives the individual wide latitude for choice of desired work. Elective hours are confined largely to the Junior and Senior years, and the choice of work must meet the approval of the students' class officer.

PLAN OF COURSE FOR A. B.

FRESHMAN YEAR

FIRST TERM.	SECOND TERM.	THIRD TERM.
Latin, 3 hours.	Latin, 3 hours.	Latin, 3 hours.
Greek, 3 hours.	Greek, 3 hours.	Greek, 3 hours.
*English 1, 3 hours.	English 2, 3 hours.	Math. 3, 4 hours.
Math. 1, 4 hours.	Math. 2, 4 hours.	Elective, 6 hours.
Elective, 2 hours.	Elective, 2 hours.	

SOPHOMORE YEAR

Latin, 3 hours.	Latin, 3 hours.	Latin, 3 hours.
Greek, 3 hours.	Greek, 3 hours.	Greek, 3 hours.
*English 4, 3 hours.	English 5, 3 hours.	English 6, 3 hours.
Bible 1, 3 hours.	Bible 2, 3 hours.	Bible 3, 3 hours.
Elective, 3 hours.	Elective, 3 hours.	Elective, 3 hours.

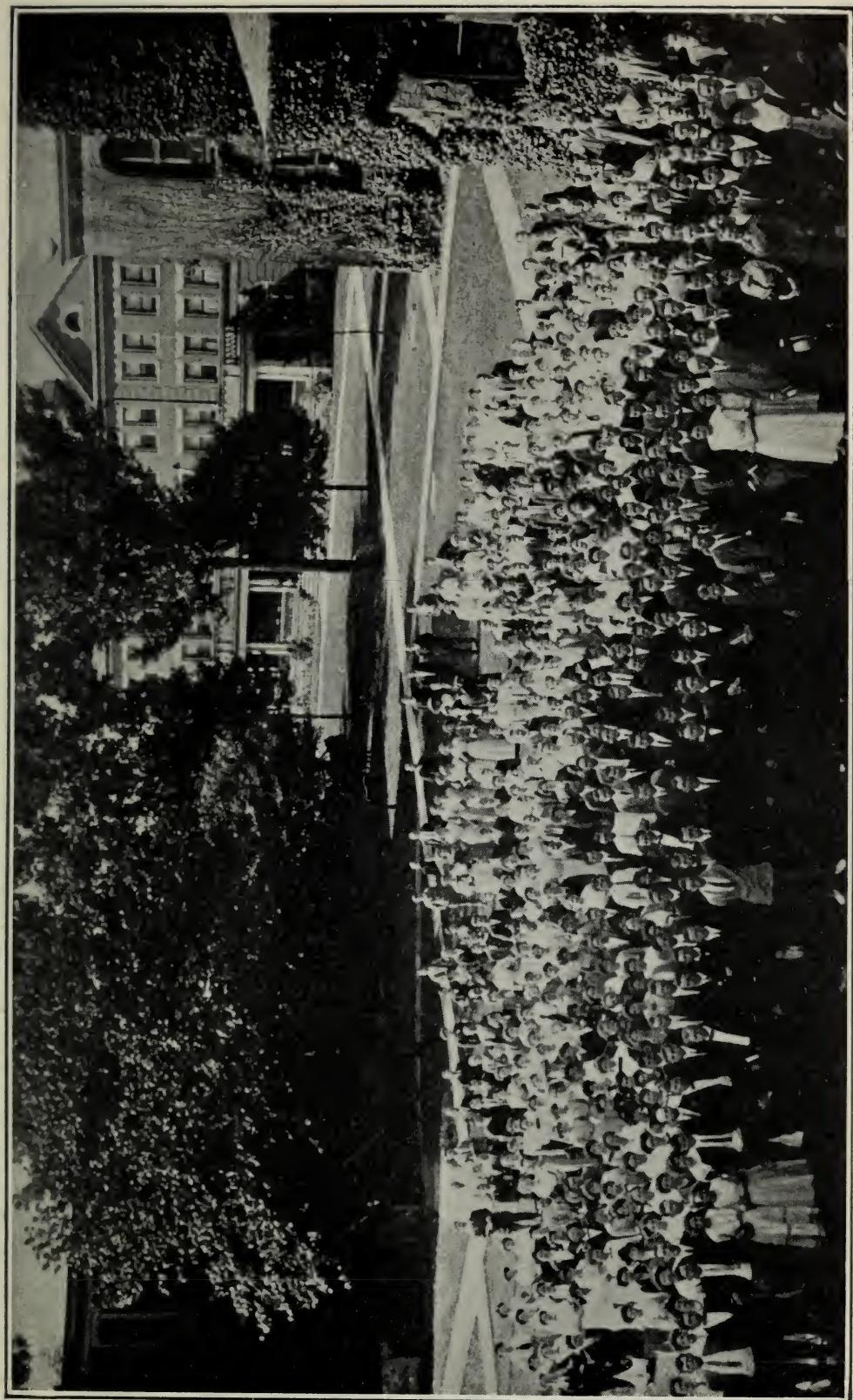
JUNIOR YEAR

Bible 4, 3 hours.	Psychology 2, 3 hrs.	Philosophy 1, 3 hrs.
*Psychology 1, 3 hrs.	Elective, 12 hours.	Elective, 12 hours.

SENIOR YEAR

Economics, 3 hours.	Philosophy, 3 hours.	Logic, 3 hours.
Elective, 12 hours.	Elective, 12 hours.	Elective, 12 hours.

*Note—The several courses in any subject are numbered 1, 2, 3, 4, etc. These numbers will be found in the description of the courses of study available for degrees. See pages 37-50.



SUMMER TERM, 1913. 456 STUDENTS

Students desiring the modern languages are allowed to substitute German or French for Greek. All students are advised to elect the required work in Science (18 hours) in the Freshman and Sophomore years.

PLAN OF COURSE FOR B. S.

FRESHMAN YEAR		
FIRST TERM.	SECOND TERM.	THIRD TERM.
German 7, 3 hours.	German 8, 3 hours.	German 9, 3 hours.
Math. 1, 4 hours.	Math. 2, 4 hours.	Math. 3, 4 hours.
English 1, 2 hours.	English 2, 2 hours.	English 3, 2 hours.
Chemistry 1, 4 hours.	Chemistry 2, 4 hrs.	Chemistry 3, 4 hrs.
Elective, 2 hours.	Elective, 2 hours.	Elective, 2 hours.
SOPHOMORE YEAR		
German 10, 3 hours.	German 11, 3 hrs.	German 12, 3 hours.
Math. 4 or 6, 3 hrs.	Math. 5 or 8, 3 hrs.	Math. 7 or 9, 3 hrs.
English 4, 3 hours.	English 5, 3 hours.	English 6, 3 hours.
Chemistry 4, 4 hrs.	Chemistry 5, 3 hrs.	Chemistry 6, 3 hrs.
Physics 1, 3 hours.	Physics 2, 3 hours.	Physics 3, 3 hours.
JUNIOR YEAR		
Bible 1, 3 hours.	Bible 2, 3 hours.	Bible 3, 3 hours.
Bible 4, 3 hours.	Psychology 2, 3 hrs.	Philosophy 1, 3 hrs.
Psychology 1, 3 hrs.	Physics 5 or 8, 3 hrs.	Physics 6 or 9, 3 hrs.
Physics 4 or 7, 3 hrs.	Elective, 6 hours.	Elective, 6 hours.
Elective, 3 hours.		
SENIOR YEAR		
Economics, 3 hours.	Philosophy, 3 hours.	Logic, 3 hours.
Elective, 12 hours.	Elective, 12 hours.	Elective, 12 hours.

The substitution of equivalent courses of French for those of German is allowed. Students are advised to elect the required work in Natural Science (9 hours) in the Junior year.

PLAN OF COURSE FOR Ph. B.

FRESHMAN YEAR		
FIRST TERM.	SECOND TERM.	THIRD TERM.
Language, 3 hours.	Language, 3 hours.	Language, 3 hours.
English 1, 3 hours.	English 2, 3 hours.	Math. 3, 4 hours.
Math. 1, 4 hours.	Math. 2, 4 hours.	Elective, 8 hours.
Elective, 5 hours.	Elective, 5 hours.	
SOPHOMORE YEAR		
Language, 3 hours.	Language, 3 hours.	Language, 3 hours.
English 4, 3 hours.	English 5, 3 hours.	English 6, 3 hours.
Bible 1, 3 hours.	Bible 2, 3 hours.	Bible 3, 3 hours.
Elective, 6 hours.	Elective, 6 hours.	Elective, 6 hours.

JUNIOR YEAR

Psychology 1, 3 hrs.	Psychology 2, 3 hrs.	Philosophy 1, 3 hrs.
Bible 4, 3 hours.	Elective, 12 hours.	Elective, 12 hours.
Elective, 9 hours.		

SENIOR YEAR

Economics, 3 hours.	Philosophy, 3 hours.	Logic, 3 hours.
Elective, 12 hours.	Elective, 12 hours.	Elective, 12 hours.

All students are required to elect 18 hours of History and Political Science before the Senior year. Students are advised to elect the required work in Science (18 hours) in the Freshman and Sophomore years.

ENGINEERING WORK

Prospective students of Mechanical, Electrical and Civil Engineering are invited to consider the excellent opportunities at Grove City College for unexcelled fundamental work in Mathematics, the Sciences, and especially Physics and Mechanics, Mechanical Draughting, and all other subjects included in the first three years of both Mechanical and Civil Engineering, with the first two years' work in Electrical Engineering.

Indeed, many men complete their entire work here in Mechanical and Civil Engineering, and are able to go out from the institution and do creditable work as practical Mechanical and Civil Engineers. This has occurred over and over again and is entirely feasible. The very thorough work done in the fundamentals of these courses is a large inducement to men who have these lines of work in view.

The following is a brief outline of the practical instruction and discipline which a student receives in the one department of Civil Engineering:

**ADVANCED FIELD WORK IN CIVIL ENGINEERING
SPRING AND FALL TERMS**

First.—Chain and tape surveying, measurement of lines and angles, construction of parallels and perpendicularly, determination of areas. Equipment used: chain, tape, pins, ranging rods, stakes and axes.

Second.—Measurement of angles, measurement of inaccessible lines, construction of parallels and perpendicul-
lars, adjustments of transit. Equipment same as above
with the addition of the transit.

Third.—The location of points by rectangular, focal
and polar coordinates; also by intersection, resection and
diagonal intersection. Same equipment.

Fourth.—The survey of a tract of land ten or twelve
sides by rectangular method, using the needle, and without
using the needle. The survey of a tract of land bounded
on one or more sides by a stream. Actual farm survey.
Same equipment.

Fifth.—Construction of the regular polygon. The
partition of land.

Sixth.—The partition of land.

Seventh.—Survey for a lateral sewer, for a sewerage
system. Superintendence of construction of sewers.
Equipment same as above and level.

Eighth.—Preliminary survey for street paving, loca-
tion of grade lines and curb lines. Same equipment.

Ninth.—Location of railway curves. Survey of and
determination of radii of railway curves and grades on the
same. The location of a tunnel, line entering and leaving
the hill on level track. Same with track on a given grade.

Tenth.—Underground surveys in local coal mine.

Eleventh.—Topographical Surveying. The lectures,
two hours per week, will be on subjects connected with the
week's work in the field. All surveys made in field will be
mapped in the draughting room, also all profiles and cross-
sections.

Term fee for the above advanced work, Spring and
Fall terms, is \$10.00. This is required of all in the Engi-
neering Corps.

GENERAL PLAN OF MECHANICAL ENGINEERING COURSE**FRESHMAN YEAR****FIRST TERM.**

Mathematics 1, 4 hrs.	Drawing, 3 hrs.
English 1, 3 hrs.	Mathematics 2, 4 hrs.
German 7, 3 hrs.	English 2, 3 hrs.
Chemistry 1, 4 hrs.	German 8, 3 hrs.
Mechanical Drawing, 3 hrs. or Freehand.	Chemistry 2, 4 hrs. Drawing, 3 hrs.

SECOND TERM.**THIRD TERM.**

Mathematics 3, 4 hrs.
English 3, 3 hrs.
German 9, 3 hrs.
Chemistry 3, 4 hrs.
Drawing, 3 hrs.

SOPHOMORE YEAR

Mathematics 6, 3 hrs.	Mathematics 8, 3 hrs.
English 4, 3 hrs.	English 5, 3 hrs.
German 10, 3 hrs.	German 11, 3 hrs.
Chemistry 4, 4 hrs.	Chemistry 5, 3 hrs.
Physics 1, 3 hrs.	Physics 2, 3 hrs.
Special: Drawing 3 hrs.	Special: Drawing, 3 hrs.

Mathematics 9, 3 hrs.
English 6, 3 hrs.
German 12, 3 hrs.
Chemistry 6, 3 hrs.
Physics 3, 3 hrs.
Special: Drawing, 3 hrs.

JUNIOR YEAR

French, 3 hrs., or	French, 3 hrs., or
Mathematics 4, 3 hrs.	Mathematics 5, 3 hrs.
Physics 4, 3 hrs.	Physics 5, 3 hrs.
Bible 1, 3 hrs.	Bible 2, 3 hrs.
Psychology 1, 3 hrs.	Psychology 2, 3 hrs.
Machine Design, 3 hrs.	Machine Design, 3 hrs.

French, 3 hrs., or
Mathematics 7, 3 hrs.
Physics 6, 3 hrs.
Bible 3, 3 hrs.
Philosophy 1, 3 hrs.
Machine Design, 3 hrs.

SENIOR YEAR

Mechs. of Machin'y, 5 hrs.	Mechs. of Machin'y, French, 3 hrs.
Bible 4, 3 hrs.	Physics 12, 3 hrs.
French, 3 hrs.	Mechan. Draughting.
Physics 12, 3 hrs.	
Mechan. Draughting.	

Mechanics, Strength of Materials, 2 hrs.
French, 3 hrs.
Physics 10 or 11, 3 hrs.
Mechan. Draughting.

Those who wish more work particularly along the lines of Civil Engineering are permitted to elect the distinctive subjects in Civil Engineering, such as Descriptive Geometry, Land Plotting, Land Leveling, Topographical Surveying and Topographical Drawing, Studies in Roofs and Bridges, Sanitary Engineering, Bridge Designing, etc.

*Students in this department will be permitted to take their Senior year at Cornell University or other approved institutions where the largest facilities are provided for the instruction and equipment of Mechanical students, and will be graduated with their class from this College, receiving on graduation the degree of Bachelor of Science. In all such cases it is recommended that the student take shop work during the Summer preceding his Senior year, either at the University or in approved public works, where he may receive practical experience. Those who do not care to select a year's work in some other institution can take the prescribed Senior work in this College.

ENTRANCE REQUIREMENTS

Admission to the Freshman class may be obtained on one of two ways: By certificate, or by examination. Entrance by certificate is granted upon presenting satisfactory proof of completion of fifteen units of preparatory work.

ENTRANCE BY CERTIFICATE

Although fifteen units are necessary for full Freshman standing, a candidate may be classed as conditioned Freshman who has completed but twelve units of work. In every such case the condition in the three deficient units must be removed before promotion to the Sophomore class can be granted.

A unit is one-fourth of one year's work at a secondary school. The year is understood to be at least thirty-six weeks. If the required program of a secondary school includes four subjects, each subject pursued for one year grants a credit of one unit. If the required program includes five or more subjects, the total credit granted for the five or more subjects is but four units.

Candidates for the degree of Bachelor of Arts are required to present three units of English, four units of Latin, two and one-half units of Mathematics, two units in German, French or Greek, and two units of Science. The additional one and one-half units are elective.

Candidates for the degree of Bachelor of Science are required to present three units of English, three units of Mathematics, three units of Science, two units of German or French. The four additional units are elective.

Candidates for the degree of Bachelor of Philosophy are required to present three units of English, two and one-half units of Mathematics, two units of Latin, Greek, French or German, two units of Science and two units of History. The three and one-half additional units are elective.

A student may be admitted as a candidate for a degree upon the following minimum requirements, provided that he elects during his college course such subjects as may be necessary to supply the deficiencies.

Minimum Requirements, in units, for entrance to college courses:

	A.B.	B.S.	Ph.B.
English	3	3	3
Mathematics	2½	3	2½
Language	4	2	2
Science	1	2	1
Elective	4½	5	6½
 Total	 15	 15	 15

The units are to be chosen from the following:

English, 2 or 3 units. Grammar, Composition and Rhetoric, one unit; Literature, one unit; the third unit either Advanced Composition or Literature. The credit granted in English is one unit less than the number of year-courses in that branch, in the secondary school; the maximum credit granted is three units.

Mathematics, 2½ to 4 units. Elementary Algebra, one unit; Plane Geometry, one unit; Intermediate Algebra, Solid Geometry, each one-half unit. For B.S. all these subjects are required; for A.B. or Ph.B., either Intermediate Algebra or Solid Geometry. The additional work: Advanced Algebra, Plane Trigonometry and Surveying, each ½ unit.

Latin, 2, 3 or 4 units. Elementary Latin, one unit; Caesar, four books, one unit; Cicero, six orations and Composition, one unit; Vergil, six books, one unit. In Cicero and Vergil for less work than above stated ½ unit each may be allowed.

Greek, 2 or 2½ units. Elementary Greek, one unit; Anabasis, four books, and Composition, one unit; Homer, three books, ½ unit.

German, 1 or 2 units. Elementary German (Grammar, Conversation, and Reading of easy texts), one unit; Composition and Translation (Wilhelm Tell and Immensee, or equivalent), one unit.

French, 1 or 2 units. Elementary French (Grammar, Conversation and Reading of easy texts), one unit; Composition and Translation (La Chateau d'If, La Tulipe Noire, and Mlle. de la Seigliere, or equivalents), one unit.

History, ½ to 3 units. General, or Greek and Roman, ½ unit; Medieval and Modern, ½ unit; English, ½ unit; Advanced American, ½ unit. In each of these courses, more extended and thorough work may be accepted for a full unit.

Physics, with laboratory, 1 unit. Carhart and Chute, Hoadley, or equivalent.

Chemistry, with laboratory, 1 unit. "First Principles of Chemistry", Brownlee, or its equivalent.

Astronomy, Biology, Botany, Advanced Civics, Physical Geography, Advanced Physiology, Zoology, each $\frac{1}{2}$ unit. Exceptionally thorough and extended work in any of these subjects may be accepted as a full unit.

In offering Physics, or Chemistry, certified laboratory notebooks must be presented. Not more than four units in the Sciences will be accepted. A student unable to carry work in any course to which his accepted units admit him, will lose credit in all such units up to the work he can carry. A student presenting but one unit of any language will be granted provisional credit in this language dependent upon his completion of a second year's work.

Certificates must state clearly as following:

1. The number of years at the institution.
2. The subjects studied.
3. The textbooks used.
4. The number of weeks given to each subject.
5. The number of hours per week for each subject.
6. The grades received in each subject.

Blank forms for such certification will be sent on application.

ENTRANCE BY EXAMINATION

Candidates for the Freshman class, desiring to enter on examination, will be examined in the following subjects:

- 1, English. Candidates will give the names of six classics they have read. They will then be assigned a topic from one of these works, on which they will be required to write a theme of 500 words. A knowledge of the elementary forms of composition will be necessary to pass this test.
- 2, History. Elementary Greek and Roman History.
- 3, Algebra, through Quadratic Equations.
- 4, Plane Geometry.
- 5, Latin Prose. This examination will be based on the four books of Cæsar, the four orations of Cicero against Catiline, and will include grammar, composition and easy passages for sight translation.

- 6, Latin Poetry. This examination will be based on four books of Vergil, and will include sight translation from other portions of Vergil.
- 7, Greek. This examination will be based on three books of Xenophon's Anabasis, and will include grammar, composition, and easy passages for sight translation.
- 8, German. This examination will be based upon two years' work in German. The candidate will give names of texts read. The examination will include grammar, composition, and sight translation based on these texts.
- 9, French. This will be on the same basis as the German.
- 10, Chemistry. This examination will be based on an elementary textbook on general chemistry. A notebook of experiments must be presented to show laboratory work done.
- 11, Physics. This examination is on the same basis as that in Chemistry.
- 12, Natural Science. This examination will include Physiology, Physical Geography, and Elementary Biology.

Candidates for course leading to A.B. degree must take examinations 1, 2, 3, 4, 5, 6, and either 7, 8, or 9.

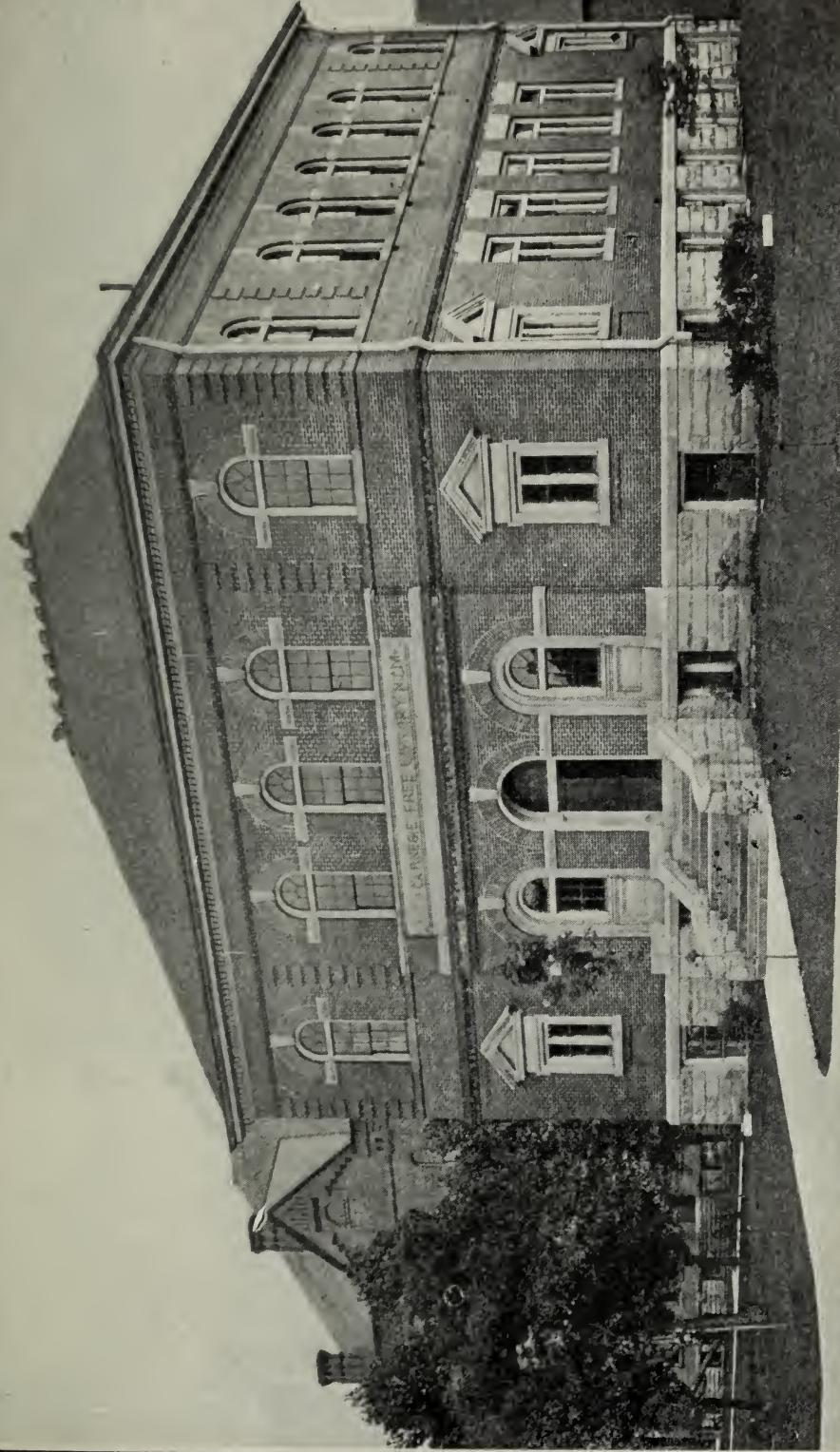
Candidates for course leading to B.S. degree must take examinations 1, 2, 3, 4, 5, either 8 or 9, and two from among 10, 11, 12.

The examinations are held in June during Commencement week, and at the opening of the fall term. They may be taken in two divisions. A candidate passing four examinations at the first attempt is given a certificate of having passed these preliminary examinations, and at a later date he can proceed to take the final examinations. Such preliminary certificate is valid for fifteen months only.

A candidate may be admitted as conditioned Freshman if he has passed all examinations but one.

ADVANCED STANDING

Advanced standing in any one of the College courses may be obtained on examination, or on certificate. In all cases the applicant must show that he has had the necessary training preceding those courses covered by his accepted work. The Faculty reserves the right to refuse to accept certification for any of the courses and to require examination instead.



CARNEGIE LIBRARY

The certificate presented must show that the certified college work represents work of the same character and thoroughness as done in a standard college. No credit for Junior or Senior work is accepted except from approved colleges. A student unable to carry work to which his accepted, certified work admits him will be granted credits only up to the class whose work he can carry. The certificate requesting advanced standing must set forth clearly the following points:

1. The number of years at the former institution.
2. The subjects studied each year.
3. The name and degree of the teacher of each subject.
4. The text-books used.
5. The number of weeks devoted to each subject.
6. The number of hours per week for each subject.
7. The grades received in each subject.

Blank forms will be sent on application.

REGULATIONS GOVERNING STUDENTS

Students are classified as follows:

Sub-Freshman, with less than 12 units of preparatory work.

Freshmen, with 12 to 15 units of preparatory work, and 45 hours, or less, of college work.

Sophomore, with 46 to 90 hours of college work.

Junior, with 91 to 135 hours of college work.

Senior, with 136 or more hours of college work.

A student is promoted to a higher class whenever he has completed the work of the preceding student year.

A student completing his Senior work at the end of Summer, Fall or Winter term, is classed with those grad-

uating at the following Commencement. He is granted his degree and receives his diploma at the first meeting of the Board of Trustees, following the completion of his work.

No student is granted a degree on less than three consecutive terms' work in residence. This is not interpreted to mean three consecutive terms preceding graduation, in the case of a student who has spent more than three terms at the College.

At the beginning of each term a member of the matriculation committee makes out the program for the student's work for that term. In all cases a student is required to give work of any lower class preference in his program.

In making out a student's program, 15 hours' college work is considered the standard. A student who has received only honor grades (A. or B.) in the work of his next preceding term is permitted to take work up to 18 hours, and, with the consent of the matriculation committee up to 20 hours. A student who has had honor grades in the majority of his work for his next preceding term may with the consent of the matriculation committee be permitted to take work up to 18 hours. The maximum credit allowed for any term's work is 20 college hours.

ABSENCE REGULATIONS

All students who do not miss any exercises during the term, have the grade in the lowest passed subject raised one degree.

All students who are registered in recitations on the second day of the term (the first day of recitations) may miss one exercise during the term without loss of the above mentioned raising of grade.

All students who register later than the third day of the term forfeit the privilege of raising of grade; they are charged with one absence on account of this late registration.

All students who are absent from four or more exercises in the term have their highest grade reduced one degree.

All students who are absent from ten exercises in the term, lose credit of one-half hour in the lowest passed subject. Each six absences after the first ten cause the loss of an additional half-hour. Absence from a test is counted double. Absence from Sunday Chapel counts double.

Any student who has five unexcused absences within two weeks is placed on the delinquent list.

For a student on this list, two unexcused absences within two weeks will cause suspension for one week.

Perfect attendance for two weeks causes the removal of a student's name from the delinquent list. After removal from the list, a student is again placed on the list by two unexcused absences within two weeks.

Students, who are not eligible to raise of grade, are allowed up to ten absences with reasonable excuse. Any absences, beyond ten are counted as unexcused absences except in the case of illness.

All unexcused absences are counted zero on the class records. The student may be granted permission by the Registrar to make up work missed on account of excusable absence. In such cases the student may be required to write out the work missed or may be given his average grade in the subject for the recitation which was missed.

GRADUATION HONORS

Honors at graduation are of two kinds: the degree with honors and departmental honors. They are of three grades: *cum laude*, *magna cum laude* and *summa cum laude*.

DEGREE WITH HONORS

The degree with honors is granted to those students whose records do not include the grade of C in more than five per cent. of their college hours and who have taken at

least two-thirds of their college work at Grove City College. A student, with less than two-thirds of his work in residence, whose work is of the required quality, receives honorable mention.

A student with ninety-five per cent. of his grades honor grades is granted his degree *cum laude*.

A student with two-thirds of such honor grades, A, is granted his degree *magna cum laude*.

A student all of whose grades are honor grades and at least ninety per cent. of these grades, A, may by special action be granted his degree *summa cum laude*.

DEPARTMENTAL HONORS

Any student of the A.B. and B.S. courses, whose rank in no department averages less than "B", may be a candidate for departmental honors, upon meeting the conditions for honors in Latin, Greek, French, German, Physics, Chemistry.

1. Candidates for honors in any language must be candidates for A.B. degree, having completed the prescribed work.
2. Candidates for honors in Physics or Chemistry must be candidates for B.S. degree, having completed the prescribed work.
3. A candidate in any department must complete all the work scheduled in that department.
4. In all languages, facility in composition is a requirement, and in modern languages, in addition, ability to converse is demanded. Candidates for honors in a language must pass a special examination in sight reading of prose works in that language. Candidates for honors in a science must pass a special examination in the science and also in sight reading of scientific German or French. Such examinations are given by a committee consisting of the heads of the departments.

5. All students who have completed the honor course in any department are graduated in the honor school of that department.

6. All students who have a grade of "A" in half their honor work are graduated *cum laude*; those who have a grade of "A" in all their honor work are graduated *magna cum laude*.

Distinguished ability in every department entitles a student to be graduated *summa cum laude*.

DEPARTMENTS OF INSTRUCTION

THE POST-GRADUATE DEPARTMENT

OBJECTS OF THIS DEPARTMENT

(1.) One of the objects of this department in the summer work at Grove City College is to provide an opportunity for clergymen, college professors, public school superintendents and graduate students generally, who are employed usually during the regular college year in their various vocations to take up a systematic study of Philosophy during the summer months. This work has proved of incalculable benefit to many men in past years.

(2.) Men desiring a working knowledge of Philosophy and such philosophical equipment as will enable them to interpret the best works in Philosophy will find it greatly to their advantage to take up the subject in regular class-room work under competent teachers and lecturers. Three summers given to this work in college residence with supplementary reading will put the average man, who has had college training, in possession of the essential principles of Metaphysics, Epistemology and Logic.

(3.) Many clergymen, teachers and other men engaged in professional work, find it possible to give from seven to eight weeks each summer to this work. By adding a few weeks to their regular summer's vacation they are able to meet the requirements of this department.

(4.) Grove City College is the only institution offering high grade work during the summer months along these fundamental lines. It is an opportunity for many men, which cannot be found at other institutions.

THE CONDITIONS

The following are the conditions for the granting of the degree of Doctor of Philosophy at Grove City College:

1. The candidate shall be a graduate of some approved college and shall have the degree of that college. (A.B., or B.S.)

2. He shall attend three Summer sessions of the Department in which he is applying for the degree at Grove City College, and shall pass the examinations in the subjects he is pursuing, amounting in all to at least four hundred and forty recitations or lecture hours.

3. He shall not be permitted to continue his work for the degree, if he fall below the B rank in any of his studies, and his rank must be A in at least two-thirds of his studies.

Note.—The requirement of No. 3 does not apply to work already completed in the course for the degree.

4. During the interval between the first and second sessions he shall study under the directions of the Department. Papers on at least three books assigned by the Department, showing a mastery of the subject, shall be presented to the Department for approval,—the first before December 15th, the second before March 15, and the third before June 15. The books shall be assigned after consultation of the candidates with the Professors in charge.

5. He shall choose the subject of his thesis by the close of the second session and shall devote the interval between the second and third sessions to the study of books bearing on the subject, which shall be one that calls for investigation and research. Reports shall be required regularly as above (3).

6. He shall present an outline of his proposed thesis during the third summer session for approval by the Department.

7. He shall present his thesis in typewritten form on or before the first of April following the third session, which shall be read and passed on by two members of the Department in which the thesis is presented.

8. When the candidate has passed the examinations satisfactorily, and the work assigned for the intervals between the Summer sessions is properly completed, and the thesis has been accepted, he shall be recommended for the degree of Doctor of Philosophy.

9. The degree will be conferred at the Commencement in June following the third Summer session, when the candidate shall be present.

MATRICULATES

The College does not solicit matriculates, believing that only those should take up this work who are desirous of doing it for the work's sake and not simply for the degree.

Graduate students who have done good work in their college studies should have no difficulty in getting a good foundation in philosophical studies in three years, especially when the matriculate thoroughly reads the books

scheduled as a part of the course of instruction and takes the full three summers in class room work under such men as the College employs to give instruction in this Department.

Those who are not able to comply with the conditions set forth in the foregoing statement are requested not to apply for matriculation.

FEES

A matriculation fee of \$10.00 is required of all as an evidence of good faith in entering upon this work. \$30.00 is charged each year for instruction, including the work of each Summer term, and \$10.00 is charged for the diploma.

The following was the faculty in the Department of Philosophy for the Summer term of 1913:

President Ketler, Grove City College.

Metaphysics—Completed by Prof. Ormond.

Prof. John Watson, Queens College, Kingston.

- A. Modern Schools in Philosophy.
- B. Critical Study of Kant.

President Ormond, Grove City College, formerly of Princeton University.

- A. Greek Philosophy.
- B. Introduction to the Philosophy of Religion.
- C. Metaphysics—Completed after the Death of President Ketler.

CLASS IN PHILOSOPHY, 1913



UNDERGRADUATE DEPARTMENTS OF INSTRUCTION

On the following pages an account of the work done in each course in the various departments. Following the description of each course is the name of the text, a statement of the credit given for the course, and, in brackets, the names of those courses which are prerequisite to that course. In all courses an equivalent text may be substituted for the one named.

PHILOSOPHY

Philosophy 1. Lectures on Introduction to Philosophy accompanied with text book work, with literary references and readings, 3 hours. (Psychology 1 and 2.) First Term, Junior year.

Philosophy 2. The history of Ancient and Modern Schools. Texts: Outlines of Greek Philosophy, Zeller; Student's History of Philosophy, Rogers; Persistent Problems of Philosophy, Calkins. 3 hours. First and Second Terms.

Philosophy 3. Lectures in Epistemology covering the general theory of knowledge. Texts, Foundations of Knowledge, Ormond. Theory of Thought and Knowledge, Bowne. 3 hours. Second Term. (Psychology 1 and 2.)

Philosophy 4. Lectures in Metaphysics treating of Ontology, Cosmology and the general theory of Reality. Texts, Studies in Metaphysics, Ketler; Metaphysics, Taylor. 3 hours. Third Term. (Philosophy 3.)

Philosophy 5. Logic covering the Doctrines of the Concept, the Judgment, the Syllogism, Inductive and Deductive methods of reasoning, and in general the Nature and the Laws of Thought. Texts, Elements of Logic, Taylor. 3 hours. Third Term. (Psychology 1 and 2.)

Philosophy 6. Ethics, a constructive study of ethical theory with an account of its metaphysical basis, together with a criticism of the great historical schools, such as Kantian Ethics, Intuitionism, Hedonism, Utilitarianism, and Evolutionary Ethics. D'Arcy: Ethics. 3 hours. Third Term. (Psychology 1 and 2.)

THE COURSES IN PHILOSOPHY

It will be seen that a number of changes have been made in both the undergraduate and graduate work in Philosophy. The undergraduate work carried on by Prof. Calder and the President aims to give the student a consecutive course of instruction in all the fundamental subjects in Philosophy. The principal changes in the graduate work are made in connection with the requirements for the Ph.D. in Philosophy. The graduate work should be pursued for its own sake and ordinarily not with reference to a higher degree. It is only the exceptional student who has the ability or the opportunity to fulfill the conditions of a degree that is worth working for. Especially in the case of the Ph.D. the conditions are designedly made so rigid that only the student who has a vocation for Philosophy will be able to secure it.

HISTORY AND POLITICAL SCIENCE

ECONOMICS

Economics 1. General introductory course. Taught in the Fall term. Seager: Introduction to Economics. 3 hours.

Economics 2. Railway Transportation. A study of the history, the characteristics and the problems of the railway in the United States, and a survey of the European systems. Taught in the Winter term. Johnson: Railway Transportation. 2 hours.

POLITICAL SCIENCE

Political Science 1. A study of the origin, forms and purposes of the State, and a survey of the modern principles and organization of its government. Taught in the Winter term. Gettell: Introduction to Political Science. 2 hours.

Political Science 2. Modern governments. A short course in the history and present forms of contemporary governments. Taught in the Spring term. Wilson: The State. 2 hours.

INTERNATIONAL LAW

International Law. A general review of the history of the subject and a statement of its present form. Taught in the Winter term. Lawrence: Principles of International Law. 3 hours.

HISTORY

History 1. Constitutional History of the United States. The events in Europe and America which influenced the character of the colonists and their institutions. The Articles of Confederation, its defects and the condition of the country during the period of its operation. The formation and ratification of the Federal Con-

stitution and a survey of its growth. Taught in the Spring term. Landon: Constitutional History and Government of the United States. 3 hours.

History 2. History of Greece to the death of Alexander the Great. Taught in the Fall term. Bury: History of Greece. 3 hours.

History 3. History of Rome to the death of Julius Cæsar. Taught in Winter term. Howe and Leigh: History of Rome. 3 hours.

History 4. History of Europe from the Roman Empires to the Protestant Reformation. Taught in the Fall term. Robinson: History of Western Europe. 2 hours.

History 5. History of Europe from the Protestant Reformation to modern times. Taught in the Winter term. Robinson: History of Western Europe. 2 hours.

History 6. History of England from the English conquest of Britain to the accession of Richard the Second. Taught in the Spring term, 1914. Greene: Short History of the English People. 3 hours.

History 7. History of England since the accession of Richard the Second. Taught in the Spring term, 1915. Greene: Short History of the English People. 3 hours.

PSYCHOLOGY

Psychology 1. General Psychology—a study of the senses and intellect. Angell: Psychology. 3 hours.

Psychology 2. General Psychology—a study of the feelings and will. Angell: Psychology. 3 hours (Psychology 1.)

EDUCATION

Education 1. The History of Education, an introductory study of the leading national movements and educators. Primitive Peoples—Middle Ages. Monroe: A Textbook in the History of Education. 3 hours.

Education 2. The History of Education. Middle Ages—Present. Monroe: A Textbook in the History of Education. 3 hours (Education 1).

Education 3. Educational Psychology, a study of the science of education or the scientific foundations of the art of teaching, so far as that science or those foundations are concerned with Psychology. Horne: Psychological Principle of Education. 3 hours. (Psychology 1 and 2.)

ENGLISH

English 1. Rhetoric and composition: description, narration, and exposition. Scott and Denny: Paragraph Writing. 3 hours.

English 2. Rhetoric and composition: argumentation. Scott and Denny: Paragraph Writing. 3 hours. (English 1.)

English 3. The History of English Literature. Pan-coast. 4 hours. (English 1 and 2.)

English 4. Elements of Literary Criticism with work in criticism of some great poems. 2 hours. (English 1 and 2.)

English 5. Chaucer, with emphasis upon him as the first great English poet, including a study of the development of the English language. 3 hours. (English 3.)

English 6. Spencer and Milton. The Faerie Queen Book 1. Milton's Minor Poems and Book 1 and 2 of Paradise Lost. 3 hours. (English 3 and 4 advised.)

English 7. The Romantic Movement,—English Poetry from Pope to Wordsworth, embracing a careful study of the poetry of Wordsworth. 4 hours. (English 5 or English 6.)

English 8. The Romantic Movement, continued. A thorough study of the poetry of Coleridge, Byron, Shelly and Keats, with some minor poets of the early 19th Century. 4 hours. (English 7.)

English 9. 17th Century Prose. The development of English prose from the Elizabethan Age to the Age of Queen Anne. Manly's English Prose selections. 3 hours. (English 3.)

English 10. 18th Century Prose with particular attention to the beginning and the development of the Novel. 3 hours. (English 9.)

English 11. American Poetry. A study of the best poetry by American Authors. 3 hours.

English 12. Shakespeare, a literary and critical study of a number of the tragedies of Shakespeare. 4 hours.

English 13. Shakespeare. The development of Shakespeare as a master of high Comedy. A number of comedies are studied critically by the class assisted by lectures. A paper is required in English 12 and English 13 each week. This essay is from 500 to 1000 words in length. 4 hours.

English 14. Seminary Course in Prose. The 19th century Prose masters are studied critically with lectures on these lines and work. Application for admission to English 14 must be made to the professor in charge. 4 hours.

As much written work is required in all English classes as is possible considering the nature of the particular course.

ENGLISH BIBLE

Bible 1. Old Testament History; special attention being given to the formative period and the early monarchy of the Hebrew Kingdom. 3 hours.

Bible 2. Old Testament Prophecy; a study of the Prophets and their times, with a more detailed study of selected prophetic books. Pidge: Prophetic Books of the Old Testament. 3 hours.

Bible 3. Old Testament Poetry and Wisdom Literature. 3 hours.

Bible 4. The Life of Christ. Stevens and Burton: Harmony of the Gospels. 3 hours.

Bible 5. The Apostolic Church; the history of the Acts and Epistles, with a special study of selected Epistles. Burton: Records of the Apostolic Age. 3 hours.

Bible 6. A History of the English Bible, including manuscripts and versions. Biblical problems. Smythe: How we got our Bible. 3 hours.

LATIN

Latin 1. Cicero: *de Senectute et de Amicitia*, with work in Composition. 3 hours. (Latin 4 units.)

Latin 2. Latin Composition. Bennett: Latin Composition. 3 hours. (Latin, 4 units.)

Latin 3. Livy. 3 hours. (Latin, 4 units.)

Latin 4. (a) Plautus, taught in 1914. 3 hours. (Latin, 4 units.) (b) Terence, taught in 1913. 3 hours. (Latin, 4 units.)

Latin 5. Tacitus; Annals. 3 hours. (Latin, 4 units.)

Latin 6. Horace: Odes and Satires. 3 hours. (Latin, 4 units.)

Latin 7. (a) Social Life at Rome, taught in 1914. 2 hours. (b) Roman Constitutional History, taught in 1913. 2 hours. The texts in Latin 7 are in English. (Latin, 3 units and Roman History.)

Latin 8. Quintilian: *Institutio Oratoris*. 2 hours. (Latin 1.)

Latin 9. Advanced Composition. Elmore: Latin Composition. 2 hours. (Latin 2.)

Latin 10. Cicero's Correspondence. 2 hours. (Latin 1, 2, 3.)

Latin 11. Suetonius: Lives of the Cæsars. 2 hours. (Latin 1, 2, 3.)

Latin 12. Rapid Reading in Vergil's *Aeneid*, Books 7 to 12. 2 hours. (Latin 1, 2, 3.)

GREEK

Greek A. Homer, (a) Odyssey; (b) Iliad. 5 hours.
(Greek, 2 units.)

Greek 1. (a) Herodotus, Selections; (b) Plato, Apology and Crito. 3 hours. (Greek, 2 units.)

Greek 2. (a) Historical Grammar, (Morphology) and Prose Composition; (b) Historical Grammar (Syntax) and Prose Composition. 3 hours. (Greek, 2 units.)

Greek 3. (a) Plato, Phaedo; (b) Thucydides, selections. 3 hours. (Greek, 2 units.)

Greek 4. (a) Demosthenes, De Corona; (b) Euripide's Selected plays. 3 hours. (Greek, 2 units.)

Greek 5. (a) Xenophon, Minor works; (b) Plato, Minor dialogues. 2 hours. (Greek, 2 units.)

Greek 6. (a) Isocrates, Panegyricus and Selections; (b) Demosthenes, Philippics. 2 hours. (Greek, 2 units.)

Greek 7. Euripides; (a) Bacchae; (b) Alcestis. 2 hours. (Greek, 2 units.)

Greek 8. (a) Theocritus; (b) Lysias, Selections. 2 hours. (Greek, 2 units.)

Greek 9. (a) Plutarch, Life of Pericles; (b) Lucian, Selections. 3 hours. (Greek, 3 units.)

Greek 10. Sophocles, (a) Oedipus Tyrannus; (b) Antigone. 3 hours. (Greek, 3 units.)

Greek 11. (a) Melic Poets; (b) Aristophanes, Frogs. 3 hours. (Greek, 3 units.)

Greek 12. (a) Aristophanes, Birds; (b) Homer, Rapid reading of selected passages from the Iliad or the Odyssey, or both. 3 hours. (Greek, 3 units.)

Greek 13. (a) New Testament, Gospels; (b) Aesehylus, Selected plays. 2 hours. (Greek, 3 units.)

Greek 14. New Testament, (a) Pauline Epistles; (b) Catholic and Pastoral Epistles. 2 hours. (Greek, 3 units.)

Greek 15. (a) Septuagint, Selections; (b) Patristic Authors, Selections. 2 hours. (Greek, 3 units.)

FOOT BALL TEAM, 1912



Greek 16. New Testament, Selections. 2 hours.
(Greek, 3 units.)

Courses marked (a) are offered for 1914-15; those marked (b) are offered for 1913-14.

Courses 4, 8, 12 and 16 are special courses for the Summer sessions.

All candidates for the A.B. degree, offering Greek as one of the required languages, must take 5 hours of Homer and at least 4 hours in other Greek poetry.

GERMAN

German 1. (a) Grammar (Joynes and Meissner.) 3 hours. (b) Conversation. Translation of easy text. (Immensee.) 2 hours. German 1 (a) and 1 (b) are always taken together. (Latin, 3 units.)

German 2. (a) Grammar, continued. Prose composition. 3 hours. (b) Conversation. Translation (Hoher als die Kirche.) 2 hours. German 2 (a) and 2 (b) are always taken together. (German 1.)

German 3. (a) Grammar, completed. Prose composition. 3 hours. (b) Conversation. Translation (Wilhelm Tell.) 2 hours. German 3 (a) and 3 (b) are always taken together. (German 2.) German 3 is followed by German 7.

German 4. Grammar Review. Easy text reading, with prose composition. 3 hours. (German, 1 unit.)

German 5. Grammar Review. Prose Composition. Conversation. 3 hours. (German 4.)

German 6. Translation (Wilhelm Tell.) Prose Composition or one selected text. Conversation. 3 hours. (German 5.)

German 7. Conversation. Translation of several intermediate texts. 3 hours. (German 3 or German 4 or German, 2 units.)

German 8. (a) German Literature. 2 hours. (b) Prose Composition. 1 hour. German 7 (a) and 8 (b) are always taken together. (German 7.)

German 9. Lessing's Life and Works. 3 hours. (German 8.)

German 10. Schiller's Life and Works. 3 hours. (German 7.)

German 11. (a) Advanced Prose Composition. 2 hours. (b) Reading (Modern German Novel). 1 hour. German 11 (a) and German 11 (b) are always taken together. (German 8 and 9.)

German 12. Schiller: Geschichte des dreissigjährigen Krieg, Wallenstein. 3 hours. (German 9.)

German 13. Goethe's Life and Works. 2 hours. (German 11.)

German 14. Continuation of German 13. 2 hours. (German 13.) Or, Heine's prose, with practice in conversation. 400-600 pages of reading in selected texts. (German 11.) 2 hours.

German 15. Teachers' Course. A review of Grammar, and a study of the methods of teaching, of the texts used, of how to select and use the best texts. (German 10, 11, or 12.) 2 hours.

German 16. Goethe: Faust, Faust Literature. 2 hours. (German 13.)

German 17. Continuation of German 16. 2 hours. (German 16.)

German 18. 19th Century Drama. 2 hours. Taught in 1914. (German 13.)

German 19. Niebelungen Lied in modern German. 2 hours. Taught in 1913. (German 13.)

German 20. Scientific German. 3 hours. (German 8.)

In all courses choice of texts or substitution of equivalent texts is made at the discretion of the professor in charge.

In German 7 and all higher courses, class work is supplemented with outside reading; this is used as the basis of class discussion, conversation and composition.

FRENCH

French 1. (a) Grammar (Elementary Grammar, Fraser and Squair, or Francois). 3 hours. (b) Translation of one or two elementary texts. 2 hours. French 1 (a) and 1 (b) are always taken together. (Latin, 3 units.)

French 2. (a) Grammar, continued. 3 hours. (b) Conversation. Translation (La Poudre aux Yeux, Voyage de M. Perrichon). 2 hours. French 2 (a) and 2 (b) are always taken together. (French 1.)

French 3. (a) Grammar, completed and reviewed. Easy prose composition. 3 hours. (b) Conversation. Translation (Madame Therese, or Trois Contes Choisirs.) French 3 (a) and 3 (b) are always taken together. (French 2.) French 3 is followed by French 7.

French 4. Grammar (Advanced Grammar, Fraser and Squair). Conversation. Translation (LeChateau d'If, or L'Abbe Constantin). 3 hours. (French, 1 unit.)

French 5. Grammar, continued from French 4. Conversation. Translation (La Tulipe. Noire). 3 hours. (French, 1 unit.)

French 6. Grammar, completed from French 4 and 5. Conversation. Translation (Mlle. de la Seigliere, Le Verre d'Eau, or Bataille de Dames). 3 hours. (French 5.)

French 7. (a) French History. 2 hours. (b) Prose composition. 1 hour. French 7 (a) and 7 (b) are always taken together. (French 3, or French 6, or French, 2 units.)

French 8. History of French Literature to 18th Century. 2 hours. (b) Prose composition. 1 hour. French 7 (a) and 8 (b) are always taken together. (French 7.)

French 9. (a) History of French Literature to 19th Century. 2 hours. (b) Prose composition. 1 hour. French 9 (a) and 9 (b) are always taken together. (French 8.)

French 10. Reading preparatory to French 11 and 12. 2 hours. (French 7.)

French 11. 17th Century Literature. 2 hours.
(French 7.)

French 12. Literature of the 18th and 19th centuries.
2 hours. (French 7.)

Substitution of equivalent courses, or addition of other courses will be made as the needs of the work demand.

MATHEMATICS

Mathematics 1. Plane Trigonometry. Granville: Plane and Spherical Trigonometry. 4 hours. (Algebra 1 unit, and Geometry 1 unit.)

Mathematics 2. Algebra: Radicals to Mathematical Induction. Milne: Advanced Algebra. 4 hours. (Algebra 1½ units and Geometry 1 unit.)

Mathematics 3. Algebra: Mathematical Induction. Milne: Advanced Algebra. 4 hours. (Mathematics 2.)

Mathematics 4. Plane Surveying with Field work. Barton: Plane Surveying. 3 hours. (Mathematics 1 and 2.)

Mathematics 5. Spherical Trigonometry. Granville: Plane and Spherical Trigonometry. 3 hours. (Mathematics 1, and Solid Geometry ½ unit.)

Mathematics 6. Analytical Geometry to Polar Coordinates. Smith and Gale: Elements of Analytic Geometry. 3 hours. (Mathematics 1 and 2.)

Mathematics 7. Advanced Analytical Geometry. Smith and Gale: Elements of Analytic Geometry. 3 hours. (Mathematics 6.)

Mathematics 8. Differential Calculus. Granville: Elements of Calculus. 3 hours. (Mathematics 6.)

Mathematics 9. Integral Calculus. Granville: Elements of Calculus. 3 hours. (Mathematics 8.)

Mathematics 1, 4, 6 are taught in the Fall term.

Mathematics 1, 2, 7, 8 are taught in the Winter term.

Mathematics 1, 3, 5, 9 are taught in the Spring term.

CHEMISTRY

Chemistry 1. General Chemistry: Smith: College Chemistry and Stieglitz: Qualitative Analysis, Volume 2. 3 recitations and 1 laboratory period. 4 hours. (Chemistry, 1 unit.)

Chemistry 2. Continuation of Chemistry 1. 4 hours. (Chemistry 1.)

Chemistry 3. Continuation of Chemistry 2. 4 hours. (Chemistry 2.)

Chemistry 4. Qualitative Analysis: 2 recitations and 2 laboratory periods. 4 hours. (Chemistry 3.)

Chemistry 5. Qualitative Analysis, second term: 2 recitations and 2 laboratory periods. 3 hours. (Chemistry 4.)

Chemistry 6. Gravimetric Quantitative Analysis. Lincoln and Walton: Elementary Quantitative Analysis 2 recitations and 1 laboratory period. 3 hours. (Chemistry 5.)

Chemistry 7. Volumetric Quantitative Analysis. Lincoln and Walton: Elementary Quantitative Analysis. 2 recitations and 1 laboratory period. 3 hours. (Chemistry 5.)

Chemistry 8. Quantitative Analysis, rapid methods, especially those connected with furnace laboratory work. Blair: Chemical Analysis of Iron. 2 recitations and 2 laboratory periods. 4 hours. (Chemistry 6.)

Chemistry 9. (A) Methods of Food and Agricultural Analysis. Bulletin 110, Bureau of Chemistry. 1 recitation and 2 laboratory periods. 3 hours. (Chemistry 6, and Chemistry 7 advised.) (b) Water Analysis: 1 recitation and 1 laboratory period. 2 hours. (Chemistry 6 and Chemistry 7 advised.) (Course 9 (a) and 9 (b) may be taken separately.)

Chemistry 10. Theoretical and Physical Chemistry 1. Stoichiometry, theories of matter, gas laws and theories.

Bigelow: Theoretical and Physical Chemistry. 3 hours.
(Chemistry 3 and Physics 3.)

Chemistry 11. Theoretical and Physical Chemistry 11.
The laws and theories of liquids, solids, and solutions. 3
hours. (Chemistry 10.)

Chemistry 12. Theoretical and Physical Chemistry 3.
Velocities and equilibria in chemical reactions; thermochemistry; electrochemistry. 3 hours. (Chemistry 11.)

Chemistry 13. Organic Chemistry 1. Perkin and Kipping;
Organic Chemistry. 3 hours. (Chemistry 3.)

Chemistry 14. Organic Chemistry 2. Continuation
of Chemistry 13. 2 recitations and 1 laboratory period.
3 hours. (Chemistry 13.)

Chemistry 15. Organic Chemistry 3. Continuation of
Chemistry 14. 3 recitations and 1 laboratory period. 4
hours. (Chemistry 14.)

Chemistry 10, 11, 12 are taught during the year, 1913-
1914.

Chemistry 13, 14, 15 are taught during the year, 1914-
1915.

In all the above courses, a laboratory period is understood to mean $2\frac{1}{2}$ to 3 hours actual time in the laboratory. In courses 4, 5, 6, 7, 8, 9, and 12, laboratory work, in addition to that prescribed in the course, may be elected by the student with the consent of his class officer and of the professor in charge. Credit will be given at the rate of one hour for one laboratory period.

A laboratory fee of \$2 is charged in all courses requiring one laboratory period; an additional fee of \$1 for each additional laboratory period. Laboratory breakage is charged to each student at cost.

PHYSICS

Physics 1A. Properties of Matter and Elementary Theory of Mechanics. Kimball: College Physics. 3 recitations and 1 laboratory period. 4 hours. (Physics, 1 unit, and Plane Trigonometry.)

Physics 2A. Elementary theory of Heat, Magnetism and static Electricity. 3 recitations and 1 laboratory period. 4 hours. (Physics 1A.)

Physics 3A. The elements of Current Electricity, Sound and Light. 3 recitations and 1 laboratory period. 4 hours. (Physics 2A.)

Physics 1B, 2B, 3B, are courses paralleling the above and designed for students who have not completed preparatory Physics. The Theory is given in less detail but more laboratory work is required.

Physics 1, 2, and 3 afford a general course in which the student becomes familiar with the elementary principles of the science and their applications. The subject matter is presented mainly by means of experimental lectures.

Physics 4. Elementary Mechanics and Heat. Franklin and McNutt: Mechanics and Heat. 2 recitations and 1 laboratory period. 3 hours. (Physics 3.)

Physics 5. Continuation of Physics 4. 2 recitations and 1 laboratory period. 3 hours. (Physics 4.)

Physics 6. Electricity and Magnetism. Franklin and McNutt: Electricity and Magnetism. 2 recitations and 1 laboratory period. 3 hours. (Physics 5.)

Physics 4, 5 and 6 afford an introduction to Theoretical and Practical Physics.

Physics 7. Teachers' Course in Physics. Mann: Teachers' Physics. 2 hours. (Physics 3.)

Physics 8. Continuation of Physics 7. 2 hours. (Physics 7.)

Physics 9. Continuation of Physics 8. 2 hours. (Physics 8.)

Physics 7, 8 and 9 are intended for those expecting to teach High School Physics. The work consists of a discussion of methods of teaching courses, texts, equipment of a laboratory, repair and construction of apparatus, and of giving experimental lectures before a class.

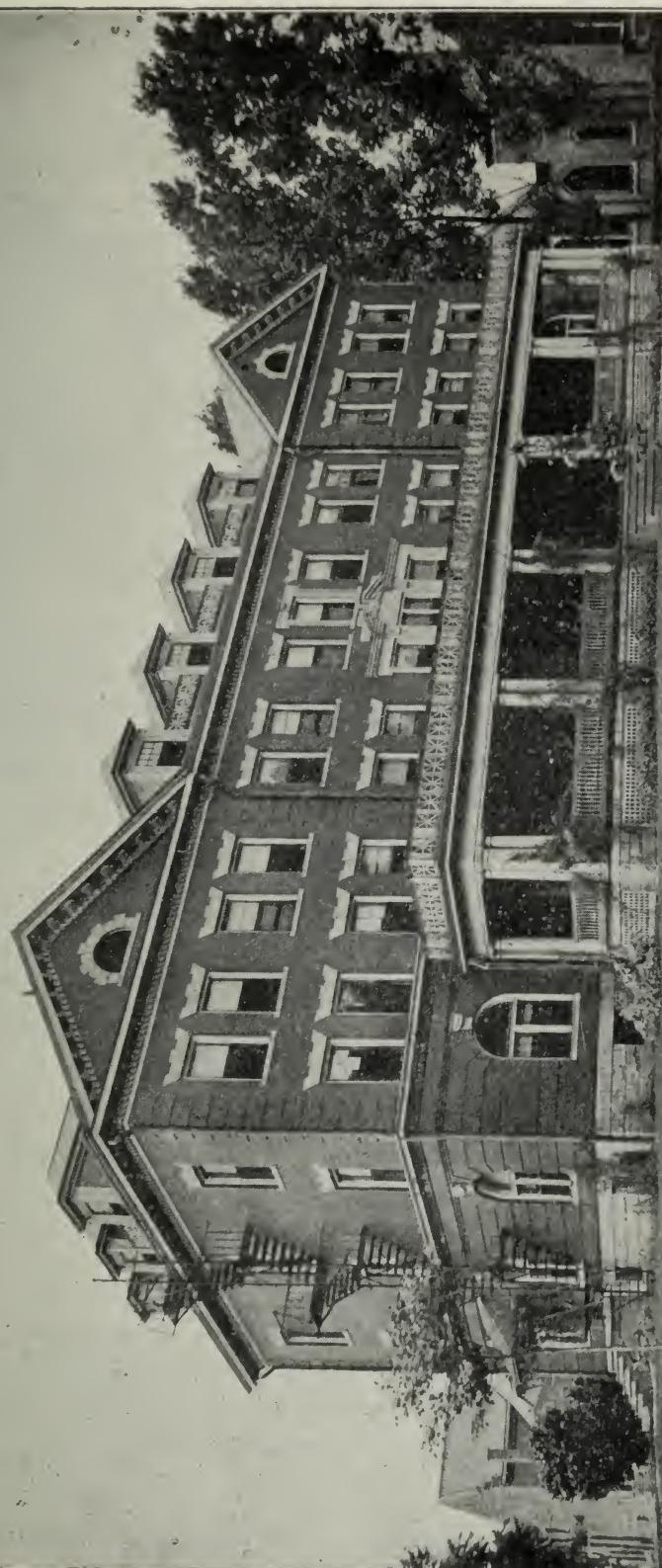
Physics 10. Meteorology: lectures, recitations, and observations. Milham: Meteorology. 3 hours. Taught in spring term, 1915. (Physics 3.)

Physics 11. Light and Sound. Franklin and McNutt: Light and Sound. 3 hours. Taught in Spring term, 1914. (Physics 3.)

Physics 12. Advanced Laboratory Work.

In all the above courses, a laboratory period is understood to mean $2\frac{1}{2}$ to 3 hours actual time in the laboratory, and the student is given credit of one hour for each laboratory period. In all courses requiring laboratory work, a fee of \$2 is charged to cover deterioration of apparatus and cost of supplies.

THE COLONIAL



NATURAL SCIENCES

BIOLOGY

Biology 1. This course in General Biology is offered for those students who cannot take the more extended work in Botany, Zoology or as an introduction to that work. 3 recitations and 2 laboratory periods.

Biology 2. Genetics: An Introduction. 3 recitations and 2 laboratory periods. 5 hours. Study of Heredity text book work and discussions. Prerequisite-good preparation in Biological subjects. For Juniors and Seniors. 3 hours.

BOTANY

Botany 1. General Botany: The Morphology, Physiology and Ecology of the higher plants. A course for students desiring a general knowledge of Botany. 3 recitations and 2 laboratory periods. 5 hours.

Botany 2. Cryptogamic Botany. Systematic study of typical forms of the lower plants (bacteria, algae, fungi, mosses, ferns, etc.) Collateral reading, text book lectures and field trips. Intended for students who wish to make a thorough study of Botany. 3 recitations and 2 laboratory periods. 5 hours. (Botany 1.)

Botany 3. Continuation of Botany 2. 3 recitations and 2 laboratory periods. 5 hours. (Botany 2.)

Botany 4. Phanerogamic Botany. A continuation of Botany 3, taking up the Higher Plants. 3 recitations and 2 laboratory periods. 5 hours. (Botany 3.)

ZOOLOGY

Zoology 1. Introductory Zoology. Rapid survey of the animal kingdom. A course for students desiring a general knowledge of Zoology. 2 recitations and 1 laboratory period. 3 hours.

Zoology 2. Invertebrate Morphology. Elaborated by collateral reading, and laboratory dissections. 3 recitations and 2 laboratory periods. 5 hours. (Zoology 1.)

Zoology 3. Vertebrate Morphology. Text-book, elaborates by lectures, collateral reading and laboratory dissections. 3 recitations and 2 laboratory periods. 5 hours. 2 laboratory periods, 5 hours. (Zoology 2.)

ASTRONOMY

Astronomy 1. A general descriptive course. 3 hours. (Mathematics 5 and Physics 3.) Taught in the Fall term.

Astronomy 2. Continuation of Astronomy 1. 3 hours. (Astronomy 1.) Taught in the Winter term.

PHYSIOLOGY

Physiology 1. Human Anatomy and Physiology. A course consisting of text book work, and lectures supplemented by the study of charts and models.

HISTOLOGY

Technique and Histology. The preparation of pure cultures of bacteria, algae and fungi. Preparation of permanent microscopic mounts in the various media and by various methods. Open to advanced students, application for admission to this course must be made to the professor in charge. 5 hours.

In all the above courses, a laboratory period is understood to mean $2\frac{1}{2}$ to 3 hours actual time in the laboratory and the student is given credit of one hour for each laboratory period. A fee of \$2 is charged in all courses requiring one laboratory period; an additional fee of \$1 is charged for each additional laboratory period.

ELOCUTION

Elocution 1. Interpretation of the Printed Page.

This course deals with the problems of the printed page, including grouping, pausing, principality, subordina-

tion, variety, thought, and emotional values and enunciation. Two recitations per week.

Text: Blood and Riley's "Psychological Development of Expression."

Elocution 2. Elocution 1, continued. Courses 1 and 2 required of all students.

Elocution 3. Elocution 2 continued. Special selections will be analyzed and each student assigned lessons for presentation before the class. Criticism and independent analysis by students. Three recitations per week.

Elocution 4 and 5. Dramatic Reading. Reading from Shakespeare. Three recitations per week.

Text: Clark's "Handbook of Best Readings."

Elocution 6 and 7. Effective Speaking. Original and extemporaneous speaking. Three recitations per week.

Elocution 8 and 9. Natural Drills in Expression. Voice culture through the imagination. Voice training for purity, control, quality, and strength. Three recitations per week.

Text: Phillips' "Natural Drills in Expression with Selections."

ORATORY

A course in Oratory is given during the year. This work is designed to equip young men for public speaking.

GENERAL INFORMATION

THE TOWN

Grove City College is located at Grove City, Mercer County, Pennsylvania. Grove City has about five thousand inhabitants and is distinctively a college town. Pure water from artesian wells, and a complete system of sewerage make it possible for the homes to have all modern conveniences. At an elevation of 1,300 feet above sea level, its location both as to beauty and healthfulness, is surpassed by few college towns.

The town is located on the Bessemer & Lake Erie Railroad, whose connections with the trunk lines of the East are excellent. Connections are made at Butler with the Pennsylvania, the Pittsburgh & Western, and the Buffalo, Rochester & Pittsburgh; at Mercer with the Pennsylvania; at Shenango with the New York, Lake Erie & Western and the Erie & Pittsburgh; at Osgood with the Lake Shore; and at Wallace Junction with the Nickle Plate. There are four daily trains to Pittsburgh, and to Erie.

THE CAMPUS

The college campus embraces over seventy acres of land in the center of town. This is divided by Wolf Creek into two parts; one, the dormitory quadrangle with forty-five acres of woodland and meadow, the other, twenty-five acres of college and athletic grounds. There are twelve buildings, which are heated with steam and lighted with electricity from a central power plant.

The Main College Building, erected in 1888, is a four-story brick building and contains the offices, a chapel room, several recitation rooms, two laboratories for chemistry, two large rooms for use of the commercial school, and clubrooms for the four literary societies.

Recitation Hall, a two-story brick building erected in 1879, contains six recitation rooms, the art studio, and two rooms for Biology.

Physics Building, erected 1902, contains a lecture room, several laboratories, and a large room for mechanical draughting. It is well equipped with apparatus for instruction in both general and advanced physics.

Ivy Chapel contains a small auditorium for the use of the student organizations, a large recitation room, and a rest room for the young women of the college.

Carnegie Library contains, in addition to the library and reading room, a public auditorium with seating capacity for six hundred, containing a two-manual pipe organ.

Music Hall, erected 1895, is equipped with auditorium, recitation and practice rooms, containing the facilities for carrying on the work of the Conservatory of Music.

Gymnasium, erected 1912, is a large and modernly equipped building for the general uses of the Athletic Department. It is a substantial brick and steel structure, three stories high, 120 feet long and 60 feet wide, and contains in addition to locker rooms, swimming pool, shower baths, base-ball cage, Varsity room and visiting team room on the first floor; a large Athletic room 90x60 feet on the second floor, with reception room, Athletic Directors' Rooms, office and kitchen; and on the third floor, in addition to the running track, a large private room and a number of study rooms and rooms for Gymnasium care-takers.

The College Club is a building owned by the College and equipped as a Commons for young men. Here table boarding can be had for \$30.00 for any one of the long terms.

ROOMS AND BOARDING

The Colonial, Cunningham and Pelton Halls—The ladies dormitories are under the immediate control of the Dean, and are designed to provide comfortable and pleasant homes for young women. Lady students from out of town are required to room and board at the dormitories.

The student rooms are arranged, mostly in suites of two with bath room for each suite; there are also some single rooms with bath. Each room is furnished for occupancy by two girls. Each girl furnishes her own towels and bed linen which are laundered by the College. Personal linen of each girl is laundered at her expense, either at the Colonial or elsewhere.

Room and boarding at the Colonial for the twelve weeks session is \$62.00 to \$67.00 for the term, two girls occupying a room. On the fourth floor the rate is reduced to \$52.00 a term, two girls occupying a room. On the fourth floor, three and four girls occupying one large room, can be accommodated at from \$42.00 to \$45.00 for the term of twelve weeks. On lower floors where three occupy a room a reduction of ten dollars is made for the term of twelve weeks.

At the Pelton and Cunningham Cottages room and boarding is furnished at from \$52.00 to \$55.00 per term of twelve weeks, two occupying a room.

The out-of-town young men room at private homes, where furnished rooms, for two students, average \$20.00 per term, including light and heat. Boarding may be had at the College Club for \$30.00 for one of the three regular terms, or \$25.00 for the Summer term. This price is guaranteed by the College. Boarding in other clubs, on the co-operative plan, averages \$2.60 a week.

The Pew Memorial Dormitory is in process of erection and will probably be ready to receive students for the Spring term, 1914. This is a brick building, built in five sections separated by firewalls and will accommodate about one hundred young men. The building will be heated with steam and lighted with electricity and absolutely fireproof throughout.

THE COLLEGE

Grove City College is an undenominational, Christian College. No religious test is required of members of the

Board of Trustees, Faculty, or student body. The College emphasizes Christian character, and from it there go out many young men and women to enter the gospel ministry or engage in other Christian work. More men enter the gospel ministry from this institution than from any other college in Pennsylvania. Each year, in August, a Bible Conference is held under the auspices of the College. This Conference continues ten days, and at it special courses by distinguished scholars and clergymen from both sides of the Atlantic are offered.

College work is begun each day with devotional exercises. Divine services are held each Sabbath morning in the chapel. College prayer-meetings are held regularly during each session.

Grove City College stands for classical education broadened by thorough work in mathematics and the sciences.

The College has adopted the four terms system, three sessions of twelve weeks, and a fourth, summer session, of ten weeks. As much work can be done in the fourth term as in any of the regular sessions, as literary club work and athletics are suspended for this term. By taking advantage of the summer term, many teachers who teach seven months in the year can complete two-thirds of a year's college work yearly.

In the summer session the work is greatly broadened in various departments of college work. This is particularly true in the sciences—especially in chemistry and Physics. The work is also broadened in English and from year to year distinguished professors from other institutions are employed to enable the college to offer a greater number of courses along these lines,

The Summer term has proved of especial value to many of the student body who have found it necessary to make up conditions or who desire to shorten the time for graduation. The Summer School has also proved of great

value to many others, especially teachers, who are obliged to give a part of their year to the work of teaching and are enabled to make substantial progress along college lines during their summers.

Affiliated with the College are Schools of Music, and Commercial Branches, a Preparatory Department, also a Department of Art. In the Summer term there is also a School of Pedogogy, a School of Philosophy, a School of Supervision and a School of Agriculture. These are described in Special bulletins which will be sent on request.

THE GROWTH OF THE COLLEGE

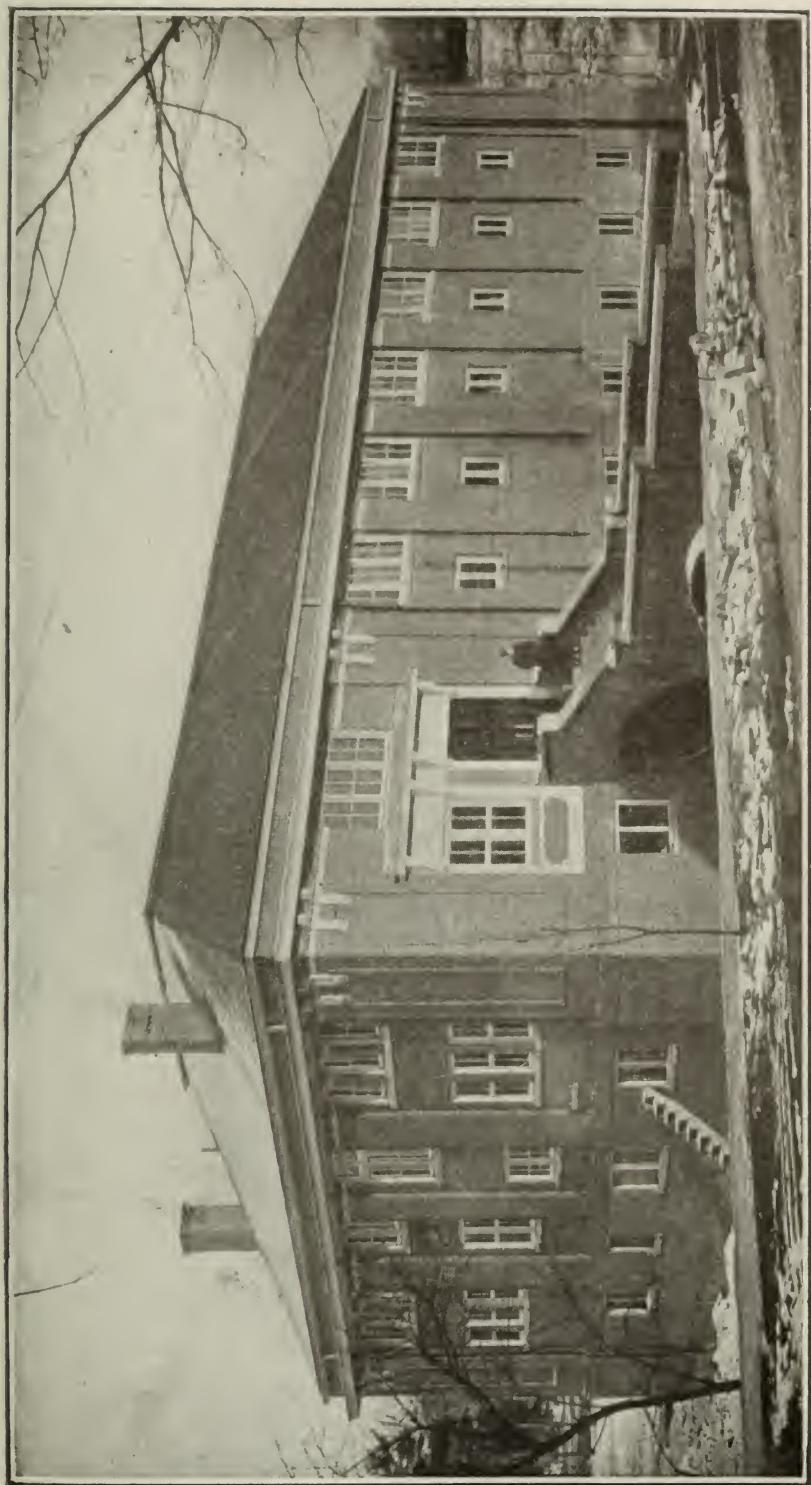
The growth of the College has been exceedingly rapid within the last few years, and at the present time the outlook is for a still larger and more substantial growth. For the last four sessions there were 797 different students in attendance in the various departments of instruction, and with the large increase of attendance for the Summer term of 1913 the prospect is that the College will enroll at least 900 different students for the year 1913-14. This is by far the largest enrollment enjoyed by any college in Western Pennsylvania.

THE HOSPITAL AND THE CARE OF THE SICK

Largely through the influence of the College, a Hospital was established in Grove City, where the sick of the College receive the best attention by trained nurses and under the supervision of a competent superintendent. The Hospital building is near the college grounds and is finely located. It has all the modern conveniences and appliances and has gained a very enviable reputation for the excellent care given to the patients, and the fine work done by the physicians and surgeons of the Hospital staff.

The Hospital expenses of students are met through a special fund set apart for this purpose. In every case the Hospital expenses (not Medical fees) are met by the College up to an amount not exceeding \$40.00 per student.

THE GYMNASIUM



STUDENT ORGANIZATIONS

There are four literary societies in the college—Shakespeare and Webster, for young men; Speedwell and Philokalian for young women. These societies have been in existence from twenty to thirty years, and are composed of the best talent in the student body. Each society has its own Club Room which is well furnished and equipped. The order of exercises includes orations, debates, music, impromptu speeches, and friendly criticism.

There are healthy, active branches of both Y. M. C. A. and Y. W. C. A. among the students.

SPECIAL NOTE

Students who are addicted to the use of cigarettes are not received, nor permitted to remain at this institution. It has long been the requirement of the College that those using tobacco must refrain from its use on the campus of the College.

JUNIOR ORATORICAL CONTEST

During Commencement week, the College holds a Junior oratorical contest open to all who enter the Junior class not later than the winter term and are in College for three sessions preceding the contest; the contest is under the rules below:

1. No oration shall exceed 1,500 words in length.
2. Three typewritten copies of the orations must be in the hands of the Faculty for submission to the judges, fifteen days before the contest.
3. The decision of the judges shall be based equally on thought, style and delivery.
4. The orations, when received, shall be numbered and then handed to the judges for rating on thought and style, the names of contestants not being known to the judges.

5. There shall be three judges chosen by the Faculty, who shall hand in their decisions in writing without conference.

6. The contest shall be limited to six orators, chosen by a preliminary contest under the above rules held in the month of April.

7. The prizes are: First place, \$50.00; second place, \$30.00; third place, \$20.00.

The result of the 1913 contest was:

1st Prize: Mr. Glenn M. Crawford.

2nd Prize: Mr. S. J. Purvis.

3rd Prize: Mr. L. W. Adams.

These prizes were furnished by Mr. F. R. Babcock, Mr. John G. Pew and Mr. W. H. Burchfield of Pittsburgh.

SOPHOMORE ORATORICAL CONTEST

During May the College holds a Sophomore oratorical contest under the rules of the above Junior contest. The preliminary contest is held in March before the end of the Winter term.

The prizes are: First place, \$25; second place, \$15; third place, \$10.

ATHLETICS

The College maintains athletics of the various kinds in vogue in schools and colleges. In all local and inter-class games every student of the College is eligible to take part and is encouraged to do so. Professionalism in whatever form is discouraged. Students are not permitted to give such emphasis to athletics as will interfere with their work in their courses of study. No student is permitted to take part in an inter-collegiate contest who is not taking a full schedule of work and whose work is not up to a fair average in quality. In the makeup of teams for inter-collegiate sports with the various colleges constituting the Inter-collegiate Association of Western Pennsylvania the rules and practices of this Association, whatever they may

be, are binding upon Grove City College, and must prevail in determining the eligibility of students of this College to take part in these sports.

TUITION AND EXPENSES

*Tuition, including Gymnasium fee, per term.....	\$26.00
Special examination in any subject.....	1.00
Mechanical Draughting	5.00
Physics laboratory	2.00
Biology laboratory	\$2.00 or 3.00
Chemistry laboratory	2.00 or 3.00
Surveying	3.00
Boarding, College Club, gentlemen, per term.....	30.00
Rooms for young men in private homes, completely furnished and kept, per term, from.....	9.00 to 12.00
Boarding at private clubs per week, about.....	2.60
Boarding and rooms at Colonial, ladies, per term.....	52.00 to 67.00
Boarding and room at Colonial (Summer term).....	42.00 to 57.00
Boarding and room at Cunningham Hall.....	52.00
Boarding and room at Cunningham Hall (Summer term).....	42.00
Boarding and room at Pelton Hall, ladies, long terms.....	52.00

*The regular tuition in the Literary Department for college preparatory studies is \$25 a term. No matriculation, registration nor entrance fees to college athletic games are charged; a fee of \$1 per term is charged each student for the use of the gymnasium. There are no other fees for instruction except in the Science Departments, where small fees are required for the use of materials and breakage.

GROVE CITY CONSERVATORY OF MUSIC

THE GROVE CITY CONSERVATORY OF MUSIC is one of the institutions affiliated with Grove City College. It is under the directorship of Doctor Hermann Poehlmann, late professor in the Royal Conservatory, Dresden, Saxony. The courses of study provided are recognized by all capable of judging as the most approved of music schools generally. The high standard maintained in both instrumental and vocal music has brought the department into high repute among educated musicians. It has long been our ambition to afford facilities for instruction in music equal to those found in the larger Eastern schools. We confidently affirm that so far as the matter of instruction is concerned students have as good advantages for a musical education in Grove City College as in the very best conservatories of music.

The inexpensiveness of boarding, the comparatively low rates of tuition, the healthful and moral tone of the community, the stimulus incident to association with young men and women earnestly pursuing literary courses of study, together with the opportunity of taking studies in the Sciences, the Languages and the Arts, make this place a most desirable one for those wishing to secure a thorough musical education.

Dr. Hermann Pochlmann, for several years professor of Piano, Voice and Teachers' Instruction, in the Royal Conservatory of Dresden, Saxony, was employed as head Piano Master and Voice instructor at the beginning of the year '93 and '94 in the Music Department of this institution. He was a pupil of J. Nicode, Dr. Wuellner, E. Krantz, Prof. G. Sharfe and other eminent musicians, and was, for marked ability, appointed a professor in the Royal Conservatory of Dresden. Dr. Poehlmann occupied this position until 1893, when he resigned to accept the charge of this

department in Grove City College. His acquaintance with almost every orchestra instrument, and his great experience as leader of chorus societies and orchestra, enables him to direct successfully any and every department of a music conservatory.

Dr. Poehlmann is assisted by other teachers especially qualified for the different departments of work in the conservatory. We speak with confidence when we say that the Music Department is in charge of a Faculty not only qualified for the work, but abreast of the very best methods. Students receive the most careful attention in the prosecution of their studies.

The Department of Music in this institution needs no special commendation. The high character of the work done has won for it the approbation of educated musicians generally. Dr. Poehlmann is regarded by all competent to judge as high authority in Voice. He is a thorough master in voice culture, as well as a musician of varied and high attainments.

Herr Gustav Mehner, also a recent professor in the Royal Conservatory of Dresden, Saxony, was employed in August, 1900, as Professor of Piano, Pipe Organ, Harmony, Counterpoint and Fugue. Prof. Mehner is an artist of high standing, and his work in the College has already won for him golden opinions. Before becoming a professor in the Royal Conservatory of Dresden, he was a student of Dr. G. Tyson-Wolff, Dr. F. Draesake, and Prof. Percy Sherwood, all noted European musicians. In addition to Prof. Mehner's work at Dresden, he gave four years to the study of Pipe Organ under the most approved instructors, and is fully equipped for the instruction of organ students.

Miss Jennie Haskell Glenn, the assistant in Piano, Harmony, and instructor in Elements of Music, Music Dictation, and accompanist, has been associated with Dr. Poehlmann since he began his work in this College and is thoroughly competent to teach the prescribed methods.

Being a fine pianist, she is able to exemplify to the students under her instruction correct principles of piano technique and to inspire them with the highest ideals.

Mrs. Lois Cory-Thompson received her college education at Lake Erie College and Ohio Wesleyan University, graduating from the literary course of the latter with the degree of B.L.

Mrs. Thompson spent three years in Germany studying voice with Herr Prof. Scharfe and Fraulein Orgeni of Dresden, besides coaching with eminent musicians and composers.

Mrs. Thompson made a number of successful appearances both in concert and in church work while abroad. Since returning to America she has taught first in Grove City College, then in Cleveland, Washington, D. C., and San Antonio, Texas; doing at the same time critical newspaper work, and engaging extensively in giving lecture recitals.

THE ORCHESTRA

A fine orchestra is maintained by the Music Department under the direction of Dr. Poehlmann. New students wishing to join this orchestra for the instruction they will receive in various instruments are admitted on a term fee of \$5. After one year's membership no fee is charged.

MODEL STUDENTS

A limited number of lads and misses will be received into the Music Department as model students for teachers in Piano, Violin and Voice who are receiving supervised instruction in teaching. Those who receive this instruction will be charged \$3 a term for two lessons each week. Application should be made to the Director of the Music Department by all those desiring places as model students before the opening of the session.

ADMISSION AND CLASSIFICATION

All the various subjects in the Music Conservatory, including Voice, Piano, Violin, Harmony, Counterpoint,

Composition, etc., are taught from the first step up to the special coaching of artists. Each applicant has to pass an examination in order to place the applicant in the proper grade. Students may enter at any time, though it is desirable, especially for the regular course students, that they should begin in the Fall term. All beginners are expected to take, besides their principal study, Elements of Music.

Beginning with September, 1913, all students who are taking full course in Music will be required to have at least Freshman collegiate standing.

GRADUATION

Each student is required to attend at least two years in succession in order to graduate. Diplomas or certificates are given after the successful completion of any one of the courses prescribed in the various departments. They are conferred on those only who complete a full course and have attended the department at least three years. Those who have attained the Teachers' Diploma in Piano, Voice, Violin, Theory or Pedagogy, are then prepared to do advanced work and may secure diplomas in courses of study which will prepare them for independent development as pianists, violinists or soloists.

Diplomas or certificates will be given:

- a. For ability as teacher of piano, to students of the Piano-Seminar who have shown remarkable aptness in teaching, have had for one year at least a class in theoretical piano instruction, one year supervised piano instruction (giving of instruction to children under care of the Professor), have reached studies by Cramer, and have had at least two years' work in History and two years' work in Harmony and Forms of Music. According to the higher or lower ability in piano playing, different degrees are given, such as, for teaching beginning grade, and for teaching lower and advanced middle grades, and for teaching lower and advanced higher grades.

In order to receive a certificate for ability as teacher of Piano teaching, (a) beginning grade, the student must have finished two books from Cramer (Germer); Jensen, op. 32, book 1; Heller, Vol. II; Czerny, Vols. II and III, partly; Bach, Preludes; Mendelssohn's Songs Without Words, partly; easier pieces from Schubert, Weber, Schumann, and at least one or two sonatas by Haydn, Mozart, Beethoven.

b. Low middle grade: Three books from Cramer; Jensen, op. 32, books 1 and 2; Heller, Vols. II and III; Czerny, Vols. II and III; Bach, some French suites or two-voice inventions; pieces like the above and some modern composers.

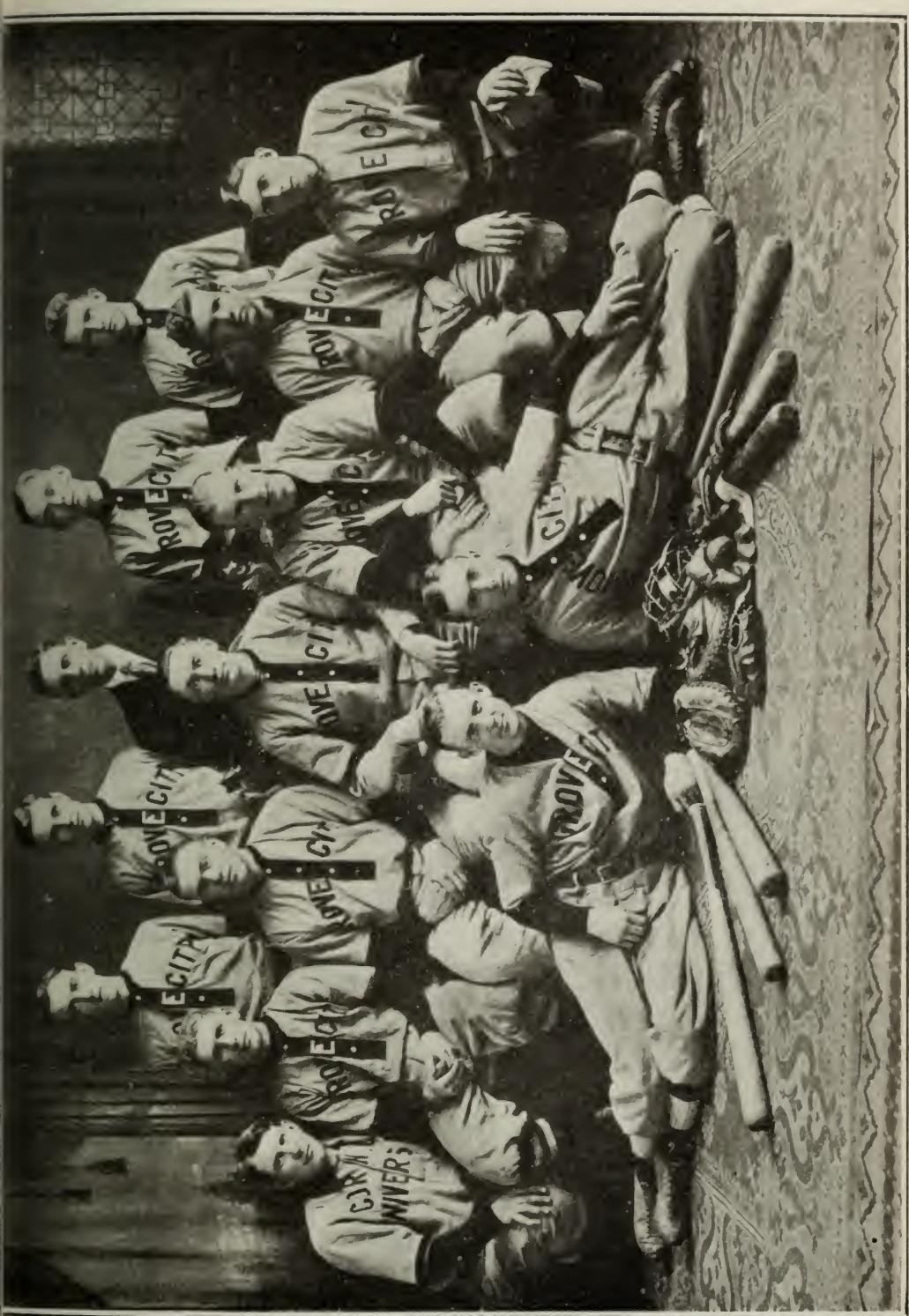
c. Advanced middle grade: Four books from Cramer; Jensen, op. 32, books 1, 2 and 3; Heller, Vol. IV; Czerny, Vols. II and III; Bach. Harder pieces from Mendelssohn, Schubert, Weber, Schumann, and other modern composers.

d. Low advanced grade: Cramer; Clementi: *Gradius ad Parnassum*; Jensen, opp. 32; Heller, Vols. IV and V; Czerny, Vols. IV and V; Bach, Fugues; Chopin, Preludes; pieces from classical, romantic and modern masters.

b. Fitness for independent development as a pianist, to such piano players as have reached the Seventh Grade in the Piano Course, have studied Counterpoint one year, and have shown such a thorough grasp of the subject that their future development may, without risk, be left to themselves.

c. For distinguished ability as a pianist, to such piano players as have reached the Eighth Grade of the Piano Course, have completed the work in Counterpoint, and have arrived at a high degree of proficiency in execution.

d. For ability as a teacher of vocal music, to students of the Voice-Seminar who have shown especial aptness in training the voice, have reached the Sixth Grade in the



BASE BALL TEAM, 1913

Voice Culture, and have had two years' work in Music Theory.

e. Fitness for independent development as concert singer, to students of voice culture who have reached the Seventh Grade of the Voice Course, the Fourth Grade in the Piano Course, have had two years' work in Music Theory, and have arrived at such a degree of proficiency in the use of the voice and such understanding of the vocal principles and methods that their future development may, without risk, be left to themselves.

f. For ability as church soloist, to students of voice culture who have finished the sixth grade of the vocal course, third grade in Piano and have had two years' work in Music Theory.

g. For distinguished ability as concert and oratorio singer, to students of voice culture who have finished the Seventh Grade of the Voice Course and have reached the Fourth Grade of the Piano Course, have had two years' work in Music Theory, and have acquitted themselves with high credit before the public.

h. For ability as opera singer, to students of voice culture whose voices have been developed in the technique necessary for opera singing and have attained such a degree of proficiency that the artistic rendering of the most difficult dramatic passages is satisfactorily accomplished, and who have particularly attained accuracy in ensemble and have given evidence of unusual dramatic power.

i. For ability as teacher of violin, to students of the Violin-Seminar who have reached the Fourth Grade in the Violin Course, the Third Grade in the Piano Course, and have had two years' work in Music Theory.

k. Fitness for independent development as violinist, to such as have finished the Fourth Grade in the Violin Course, have reached the Fourth Grade in the Piano Course, and have had two years' work in Music Theory.

l. For ability as solo or concert violinists.

m. For ability as teacher of Music Theory, to students of Music Theory who have attained extensive knowledge of Harmony, and have shown special aptness in all their studies in the theory of music and have reached the Sixth Grade in the Piano Course.

Certificates of Dismissal are given after one year's attendance to such as take a single study in any one course.

Diplomas of distinction will be awarded as an acknowledgment of superior talent, eminent application and marked faithfulness to only such as have completed a full course.

As most of the students will teach later, special care is taken to train pupils for the profession of teaching Piano, Voice and Harmony. The course provided along these lines is the most complete that can be given.

RECITATIONS

At the least, two recitations are required weekly in all the leading studies of any course. In Harmony the students recite daily in all beginning classes; in the advanced classes they receive three lessons and two lessons weekly, according to their advancement. Classes in Teachers' Instruction and in Forms recite twice a week. In Music Dictation beginning classes recite daily, advanced classes three and two times a week. Chorus, Ensemble and Music History recite once or twice a week.

Special attention is called to the fact that almost twice as much instruction is given for the tuition paid as at any other college or music school. It has been found especially beneficial for beginners to recite at least three times a week, in such leading subjects as Piano, Voice, Harmony, etc. We confidently believe that this departure is very much to the advantage of the students of the Music Department.

JUNIOR WORK

A student is entitled to enter the Junior Class in Piano if he has reached the fifth grade,—having studied thor-

oughly at least the following Etudes: Doering, op. 44, books 1 and 2, op. 8, books 1 and 2; Czerny, Vol. I, (Germer), Vol. II, 1 part; Heller, Vols. I and II; Germer, op. 35; Bach, Preludes; Bertini, op. 29 and 32; Bach, two voice inventions.

A student is entitled to enter the Junior Class in Vocal if he has reached the Third Grade in Piano, the Sixth Grade in Vocal, and is ready to begin Harmony and Theory of Teachers' Instruction.

A student is entitled to enter the Junior Class in Violin if he has reached the Fourth Grade in Violin, the Third Grade in Piano, and is ready to begin Harmony instruction.

COURSES OF STUDY

PIANO—Piano.

Elements of Music.

Harmony.

Musical Forms and Analysis.

Counterpoint.

Music History.

Ensemble.

Chorus.

Music Dictation.

VIOLIN—Violin.

Piano.

Elements of Music.

Harmony.

Counterpoint.

History.

Musical Forms (Lectures).

Ensemble.

Chorus.

Music Dictation.

PIANO-SEMINAR—Piano.

Theory of Piano Instruction,
(Lectures), two years.

Supervised Piano Instruction,
one year.

Elements of Music.

Harmony.

Counterpoint.

Composition.

VOICE—Voice.

Piano.

Elements of Music.

Harmony.

Musical Forms (Lectures).

Music History.

Ensemble.

Declamation.

French, German and Italian.

Music Dictation and Chorus.

MUSIC THEORY—Elements of Music.

Harmony.

Counterpoint.

Musical Forms.

Composition.

Piano.

Music History.

Chorus.

Music Dictation.

VOICE-SEMINAR—Voice.

Theory of Voice Culture.

Supervised Voice Culture In-
struction, one year.

Elements of Music.

Harmony.

Piano.

Counterpoint.

Musical Forms (Lectures).

Musical Forms (Lectures).	
Ensemble.	Ensemble.
Chorus.	Chorus.
Music Dictation.	Declamation. Music Dictation.

VOICE (OPERA)—Voice.

Interpretation of Opera.
Dramatic Rendition.
Elements of Music.
Harmony.
French and German.
Musical Forms (Lectures).
Music History.
Ensemble.
Chorus.
Music Dictation.

VIOLIN-SEMINAR—Violin.

Supervised Violin Instruction.
Piano.
Elements of Music.
Harmony.
Counterpoint.
Musical Forms (Lectures).
Music History.
Ensemble.
Chorus.
Music Dictation.

Each student is required to take a course of at least three years.

PIANO COURSE**FIRST YEAR**

First Term (Fall).....	Elements of Music. Dictate, Chorus, History.
Second Term (Winter)....	Harmony. Dictate, Chorus, History.
Third Term (Spring).....	The same.

SECOND YEAR

First Term	Harmony. Forms. Teaching, Teacher's Instruction. Dictate, Chorus, History, Duets.
Second Term	The same.
Third Term	The same.

THIRD YEAR

First Term	Harmony. Forms. Teaching, Teacher's Instruction. Dictate, Chorus, History, Duets.
Second Term	Counterpoint, Forms. Teaching, Teacher's Instruction. Chorus, History.
Third Term	The same.

VOCAL COURSE**FIRST YEAR**

- First Term (Fall).....Elements of Music, Piano.
Dictate, Chorus, History, Elocution.
- Second Term (Winter)....Harmony, Piano.
Dictate, Chorus, History, Elocution, German or Italian.
- Third Term (Spring).....The same.

SECOND YEAR

- First Term Harmony, Piano, Teacher's Instruction.
Dictate, Chorus, History.
Elocution, German (French).
- Second Term The same. Duets.
- Third Term The same.

THIRD YEAR

- First Term Harmony, Teaching, Forms.
Dictate, Chorus, History, German or French. Duets.
- Second Term Counterpoint, Teaching, Forms.
Chorus, History, Duets.
- Third Term The same.

VIOLIN COURSE**FIRST YEAR**

- First Term (Fall).....Elements of Music, Piano.
Dictate, Chorus, History.
- Second Term (Winter)....Harmony, Piano.
Dictate, Chorus, History.
- Third Term The same.

SECOND YEAR

- First Term Harmony, Teaching, Forms.
Dictate, Chorus, History, Orchestra.
- Second Term Counterpoint, Teaching, Forms.
Chorus, History, Orchestra.
- Third Term The same.

Some students may be, under certain conditions, excused from one or the other study.

The course during Summer term is for special work only and for those regular course students who have work to make up.

Those who enter the Fall course in the Winter term have to complete the year's work during the Summer term.

No new class in Teacher's Instruction will be formed in the Spring term.

Students who are here only for the Summer term may have instruction in all branches.

Piano playing has always been regarded as a function of the fingers, and training of the finger-muscles for independence and quality has been the foundation for all technical practice. But within the last years a new principle has been sought by various theorists. Almost simultaneously all found themselves involved in the same problem,—relaxation, its value and application. Among others two great works, the books of Breithaupt and of Steinhausen, were published. Both discerned in the great pianists the free and natural movement of the arm as the source of technic and referred this idea to its physiological sources. Breithaupt, the discoverer of most of the actions, has systematized them in their three aspects—physical, psychological and aesthetic. The problems of relaxation and weight are solved in his works and become the basis of a far-reaching system.

Breithaupt says: "The art of piano-playing is not striking, hammering and thrusting, but an art of sensitive, nervous finger-tips, velvet hands, and soft, round, complete movements of an elastic playing organism and finally the expression of that ever immeasurable and indeterminate tone-ideal, that lives half perceived, half unperceived in the mind."

This wonderful method of weight-technic which all players of sonorous tone, such as Busoni, Paderewsky, Risterchi have used more or less unconsciously, we too have adopted.

PIANO DEPARTMENT

PIECES AND STUDIES

BEGINNING GRADE

STUDIES

Grade 1—

- Technical Exercises (Vetter).
 TapPERT.
 Doering, op. 44, book 1.
 Koehler, op. 151.
 Doering, op. 76, book 1.
 Doering, op. 45, book 1.

Grade 2—

- Doering, op. 44, book 2.
 Doering, op. 45, book 2.
 Doering, op. 76, books 2 and 3.
 Germer, op. 36, books 1 and 2.
 Loeschorn, op. 65, books 1 and 2.
 Gurlitt, op. 82.

Grade 3—

- Doering, op. 8, book 1; op. 23,
 book 1.
 Doering, op. 166, books 1 and 3.
 Czerny, op. 299 (Germer),
 books 1 and 2, or Behrens,
 op. 68.
 Germer, op. 37, books 1 and 3.
 Heller (Germer).
 Germer, op. 35, books 1 and 2
 (Polyphony).
 Bach, preludes.

Grade 4—

- Huenten, op. 30, op. 80.
 Doering, op. 8, book 2.
 Czerny, op. 299, book 3.
 Bertini, op. 29 and 32.
 Heller or Schytte, op. 106.
 Bach Inventions (two voices).
 Czerny, op. 834, op. 92 (tocata).

PIECES

Grade 1—

- Little Folks' Songs, Germer,
 op. 32.
 Reinecke, op. 54, Krause, op. 25.
 Lichner, "Little Leaves and
 Flowers."
 Gurlitt, "Album Leaves for the
 Young."
 Schumann, op. 68, No. 1-6.
 Reinecke, op. 107, book 1.

Grade 2—

- Sonatinenalbum, by Germer.
 Matthews' Introduction.
 Reinecke, op. 107, book 2; op. 47,
 No. 1.
 Rieman, op. 48.
 Kullak, op. 61 and 82.
 Wilm, op. 81, book 1.

Grade 3—

- Mozart and Haydn Sonatas, easy
 ones.
 Beethoven var., easy ones.
 Mozart, Kondo, D.
 Mozart, var., E.
 Hummel, op. 122, op. 55.
 Schumann, op. 68.
 Beethoven, op. 49, op. 51.

Grade 4—

- Mendelssohn Songs (Germer).
 Mendelssohn, op. 72.
 Clementi Sonatas, op. 26, 39, and
 24.
 Moscheles, op. 18.
 Field, nocturnos.
 Gade, op. 19, books 1 and 2.
 Heller, op. 138.
 Schubert, Landler, allegretto C
 Minor, two Scherzi.

MIDDLE GRADE**Grade 5—**

Cramer, book 1 (Germer).
 Behrens, op. 61, books 3 and 4.
 Czerny, op. 299, book 4.
 Czerny, op. 740.
 Loeschorn, op. 67, book 1.
 Heller, op. 16.
 Jensen, op. 32, books 1 and 2.
 Haberber, op. 53.
 Bach, Suiten French.
 Doering, op. 33, book 2, op. 30.
 Doering, op. 24, 25, octaves.
 Doering, op. 46, double notes.

Grade 6—

Cramer, books 2 and 3.
 Czerny, op. 740.
 Czerny, op. 337, 40 daily studies.
 Clementi, Gradus ad Parnassum, Germer.
 Jensen, op. 32, book 3.
 Doering, op. 33, book 3.
 Bach, Inventions (3 voices).
 Bach, Suiten English.
 Bach, well-tempered clavichord.
 Czerny, op. 335.
 Kullak, octave studies.

Grade 5—

Beethoven, Bagat, op. 119.
 Beethoven, op. 33.
 Beethoven, op. 126.
 Mozart, Haydn, Clementi, Sonatas.
 Mendelssohn Songs.
 Raff, op. 75, Jensen, op. 17.
 Schumann, op. 124, op. 99, op. 68.
 Schubert, op. 94, op. 90.
 Grieg, op. 14, op. 30, op. 6, op. 12.
 Kirchner, op. 7, op. 9, op. 2.
 Rubenstein, Nevin, Ravina.
 Henselt, Weber, Moscheles.

Grade 6—

Beethoven Sonatas.
 Mozart, Haydn, Weber, Clementi.
 Schubert Sonatas.
 Schumann, op. 15, 82, 28.
 Chopin, op. 28, preludes.
 Chopin, nocturnos.
 Chopin, mazurkas.
 Chopin, waltzes.
 Jensen, op. 43, 44, op. 2.
 Heller, op. 92, 83.
 Gade, op. 34, 36, 41.
 Mendelssohn, op. 15, 16, 5, 7, 28, 33.

HIGHER GRADE**Grade 7—**

Tausig, daily studies.
 Clementi, Gradus.
 Bach, Concerto in Italian style.
 Bach, well-tempered clavichord.
 Chopin, preludes, op. 28.
 Heller, op. 81.
 Mocheles, op. 80 and op. 43.
 Mueller, Capricen, op. 31, 34, 47, 29.

Grade 7—

Weber selected compositions.
 Brahms, op. 10 and op. 27.
 Beethoven, variations.
 Raff, op. 91.
 Rubenstein, op. 51.
 Scharwenka, op. 8.
 Sant-Saens, op. 23.
 Concertos, by Hummel, Dussek, Field, Mozart, Weber and Beethoven.

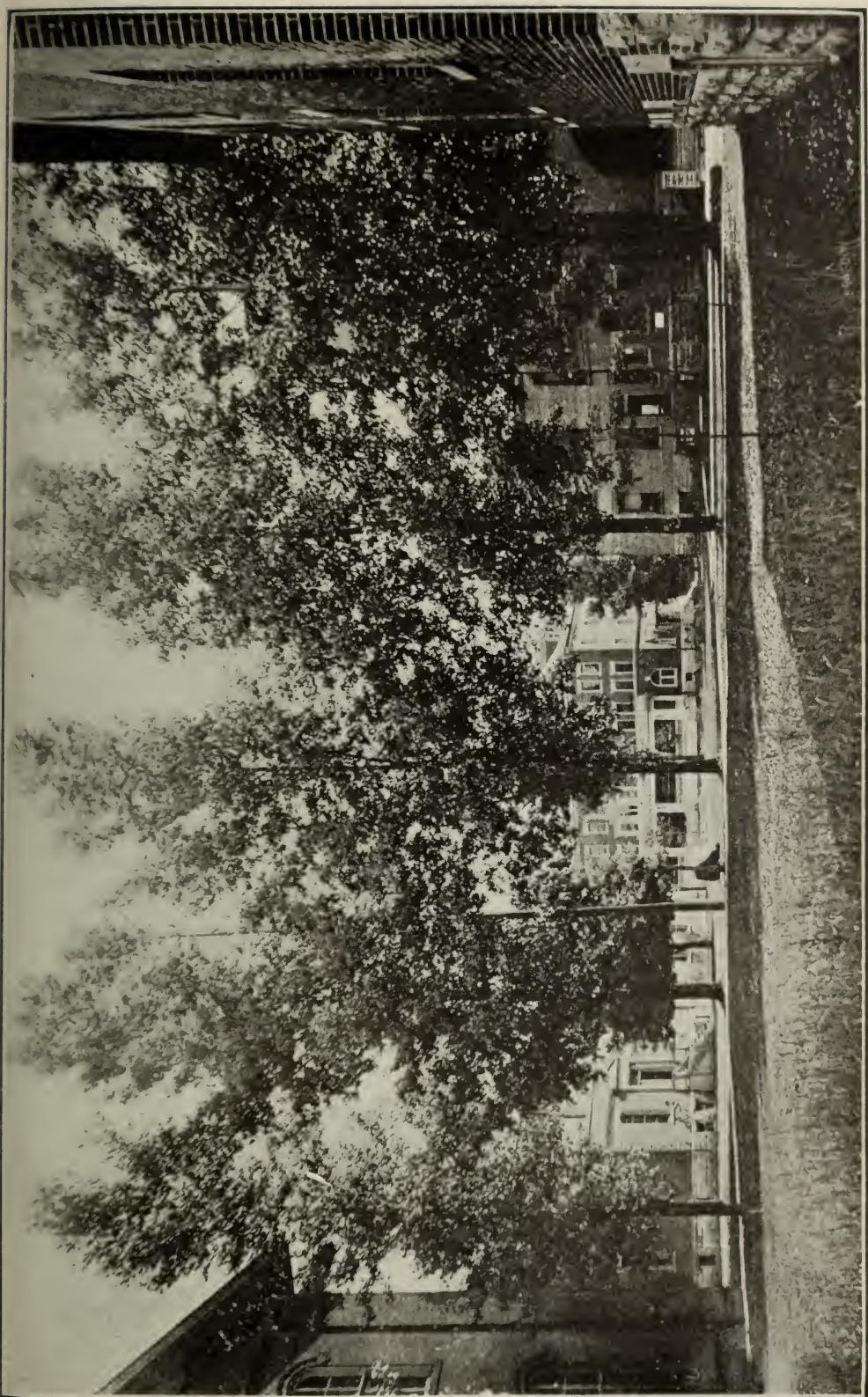
Grade 8—

Czerny, op. 365, Virtuso School.
 Henselt, op. 2, 5 and 13.
 Clementi, Gradus.
 Bach, fugues.
 Moscheles, op. 95 and 51.
 Schumann, op. 3, 10 and 13.

Grade 8—

Beethoven, Latter Sonatas.
 Brahms, op. 1, 2 and 5.
 Chopin, op. 37, 22, 53, etc.
 Schumann, op. 6, 9, 17 and 10.
 Mendelssohn, op. 54.
 Moskowski, op. 14.

IN THE QUADRANGLE



Chopin, op. 10, 25 and 28.	Scharkenka, op. 6.
Rubenstein, op. 23 and 81.	Schubert, op. 53, 78, 143.
Saint-Saens, op. 52.	Concertos, by Beethoven, Schubert, Handel, Schumann,
Liszt, Etudes, Transcendentals.	Bach, Chopin, Brahms, Liszt, etc.

VIOLIN DEPARTMENT

GRADE 1

STUDIES	PIECES
Wohlfahrt, op. 451, op. 551, op. 92.	Hering, op. 66.
Schroeder, op. 5.	Schroeder, op. 31, op. 7.
David, op. 441.	Wohlfahrt, op. 301, op. 491.
Hom. Exercises, book 1.	Hamel, op. 22.
Kaiser, op. 20, book 1.	Hoffman, op. 202.
Herig, op. 2.	Danelia, op. 123.
Abel, technical exercises.	Urban, op. 26.
Rier, op. 26.	Weiss, op. 38.
Scholz, technical exercises.	Wichtl, salongeiger.
Schradicke, technical studies.	
E. Kross, op. 100, studies in double stopping.	
E. Kross, op. 98, chord studies.	
E. Kross, op. 18, scale studies.	

GRADE 2

Beriot, op. 771.	Hubert, op. 99.
Weiss, op. 37 and 80.	Meier, op. 4.
Kaiser, op. 20, book 2.	Wohlfahrt, op. 50.
Dont, op. 26 and 38.	Hendelalbum.
Boehmer, op. 6 and 59.	Hermann, op. 33.
Wohlfahrt, op. 58, 45, 74, 82.	Corellialbum.
Haessner, op. 42.	Hollaender, op. 18, 19, 3, 7.

GRADE 3

Weiss, op. 37, book 2.	Bach, Sarabonde.
Abel, technical exercises.	David, op. 30.
Dont, op. 36 and 37, book 2.	Hauser, op. 51 and 60.
Schroeder, op. 5, book 2.	Heitsch, op. 4, Romance.
Kaiser, op. 20, book 3.	Kreutzer, op. 36.
Mazas, op. 36.	Boehmer, op. 26.
Scholz, technical exercises.	Kudelski, op. 13, 17, 26.
Sauret, technical exercises.	Beriot, air varie.

GRADE 4

Casorti, op. 51 and 41.	David, concert studies.
Kreutzer, forty studies.	Rope, op. 16 and 10.
Mazas, op. 36, books 2 and 3.	Spoehr, op. 135, Barcole.
Fiorillo, thirty-six studies.	Kreutzer, concertos.
Rode fourteen caprices.	Beethoven, op. 50 and 40.
Rolla, op. 10.	Handel, Sonatas.
Huellweck, orchestra studies.	Mozart, concertos.
Rovelli, twelve caprices.	Raff, op. 85.
Abel, twenty-five studies.	Viotti, concertos.
David, op. 9 and 20.	Beriot, concertos.

GRADE 5

Gavinies, twenty-four studies.	Bach, concertos.
Lauderbach, op. 2.	David, op. 39.
Dont, op. 35.	Tartina, sonatos.
Paganini, moto perpetua.	Spoehr, concertos.
Bach, six sonatas for violin alone.	Coreilli, sonatos.
Vieuxtemps, op. 16.	Mendelssohn, op. 64.
Wieniawski, op. 16.	Sant-Saens, op. 58.
Scradieck, op. 1.	Bruch, op. 42, 46, 26, 44.
Abel, six studies.	Beethoven, op. 61.
Faganini, studies.	Bazzini, op. 15.

ORGAN DEPARTMENT

The demand from many quarters for pipe organ instruction, and especially by those who are qualifying to become church organists, has led to the installing of a very fine pipe organ in the Music Department. The organ is of the latest design, pneumatic action throughout, and is especially adapted to the work of instruction.

Herr Gustav Mehner, who came to this institution direct from the Royal Conservatory of Music, Dresden, Saxony, is splendidly equipped to train pipe organists. He was for four years under some of the most noted organists of Europe and is a musician and artist of the highest standing.

The regular fee for instruction is \$35 for a term of three months, including the use of the pipe organ for practice two hours daily. A special music auditorium is set

aside for this work, so that considering the expense of heating and lighting and the necessary expense attached to a water motor for working the bellows, the fee for this branch is in every sense reasonable.

The student should not commence the study of this instrument until a good practical knowledge of the piano-forte has been obtained. As the organ is principally used in connection with the church service, special attention will be given to the art of service accompaniment. Also instruction in the mechanism of the pipe organ will be given free to all organ students.

Grade 1—Merkel Organ School, Part 1. Manual playing in two, three and four parts.

Grade 2—Merkel Organ School, Part 2. The natural pedalling; regular alternating of both feet.

Artificial Pedalling; the use of point and heel of the same foot.

Easy pieces by Batiste, Dolmetch, Flagler, Lemaigne, Merkel and others.

Sight Reading; easy Hymn tunes with the pedals.

Grade 3—Nilson Pedal Studies.

Merkel, Parts 3 and 4. Various pieces for study and church use.

Selected pieces by Rheinberg, Dubois and others.

Sight Reading; Hymn tunes in more difficult style.

Grade 4—Nilson Pedal Studies, continued.

Schneider,—forty-four studies. (Manuals and Pedals continued.)

Bach,—Eight short Preludes and Fugues.
Some of his Chorals.

Rheinberger,—Meditations.

Other pieces by Guilmant, Malling, La Toutbelle and others.

Grade 5—Pedal Studies by Nilson and Schneider to be completed.

Bach, Preludes and Fugues of medium difficulty.
Mendelssohn,—Preludes and Sonatas. (Nos. 2 and 5.)

Rheinberger,—Sonata. (A Minor.)

Selected pieces by Guilmant, Widor, C. Frank and others.

Grade 6—Selected studies suitable for the grade.

Mendelssohn,—Sonatas. (1, 3, 4, 6.)
Bach,—Toccatas, Preludes and Fugues.
Merkel,—Sonatas.
Schumann,—Fugues.
Rheinberger,—Sonatas, (C Major and others,) and Concertos.
Widor,—Symphonies.
Guilmant,—Sonatas.
Liszt,—Prelude and Fugue on the name; Bach.
Reger,—Preludes and Fugues. Trios. Sonata, (F sharp Minor.)
Other pieces selected for concert use.

Diplomas will be given as follows: (a) For ability as church organist to such organ students as have reached the Fifth Grade in the Organ course, have completed the work in Harmony, have shown sufficient knowledge in transposition and improvisation and are acquainted with the mechanism of the organ. (b) For ability as solo organist to such organ students as have completed the Sixth Grade in the Organ Course, have shown sufficient knowledge in Theory of Music and are acquainted with the mechanism of the organ.

VOCAL DEPARTMENT

Our vocal instruction is based on the so-called pure Italian method. Therefore the fundamental principles of vocal art, such as breathing, position of larynx, tongue and mouth—in short all functions of the tone-producing and tone-strengthening organs—will receive the most careful and patient attention. The result will be a normal, well placed, easy flowing, resonant and beautiful tone. This is the most important and most difficult part of voice culture. While the Italian method, which treats the voice as a beautiful instrument only, forms the necessary basis of the vocalism, it is absolutely inadequate for the proper rendition of modern music. This demands a perfect treatment of all vowels, consonants, words, phrases and sentences, or all modulations, of emotions and sentiments as

indicated by the underlying poem; of which the music is but a higher expression. Therefore, the vocal art requires the most patient and faithful study, and pupils must ever bear in mind that, while "Art is long and time is fleeting," vocal art is the longest, the deepest, the most difficult, as it is the most beautiful of the arts.

VOCAL COURSE OF STUDY

Grade 1—J. Smith's Method: Posture, Breathing, Exercises 14 to 17; Tone-Production, Part 1; Exercises 29-35.

Grade 2—J. Smith's: Tone-Production, Part II; Exercises 36-39.

Grade 3—J. Smith's: Tone-Production, Part III; Exercises 40-60.

Tone-Production, Part IV; Secondary Vowels.
Tone-Production, Part I; Diphthongs, or Compound vowels.

Grade 4—J. Smith's: Articulation, Exercises 67-72.

Pronunciation, Exercises 73-77. Intervals. The Eaziest Solfeggi.

Grade 5—J. Smith's: Exercises 78 for the extension of the compass; scales; Sostenuto Exercises. Easy Solfeggi; Easy English Songs.

Grade 6—J. Smith's: Arpeggio; Embellishments; Coloratur Exercises; medium Solfeggi, and Songs by Mendelssohn, Schubert, Schumann.

Grade 7—Continuation of preceding exercises; advanced Solfeggi; songs in Italian, German, and French Languages.

Grade 8—Oratorio Study.

Grade 9—Opera Study.

SPECIAL NOTICE

Music students are not allowed to take private lessons from any music teacher who is not connected with the College, nor take part in performances of any kind without the permission of the director.

The general regulations as to the care, comfort and conduct of lady students in the Literary Department are binding upon the young ladies of the Conservatory of Music. These regulations include their residence in the dormitories at the College, their attendance upon all the re-

ligious exercises, including the daily chapel services, and their co-operation in all the interests which make for the maintenance of a good,moral and Christian atmosphere.

Full course students of the Conservatory of Music are permitted to take studies when desired in the Literary Department, by the payment of five (\$5) dollars extra a term for any one college or preparatory subject, or ten (\$10) dollars for two or more literary subjects, when the music tuition is, for a full course as outlined, pages 67-74. No reduction is made when students of the Music Department take up Art, Commercial Branches or Stenography and Typewriting.

THE COLLEGE

The work of the College Department does not prove a hindrance to the interests of the Conservatory of Music, but rather a help. The enthusiasm and earnest purpose of the large number of men and women in the College serve as a stimulus to the students in the Conservatory of Music. Indeed, the two departments are mutually stimulating, and many parents prefer to have their daughters take their work in Music under influences of this kind. The same interest and care which is exercised over the students of the College is manifested in the management of the Conservatory of Music.

The following musical entertainments were given by the students of the Music Department during the year 1912-13:

PIANO RECITAL

Given by

MISS E. BACHOP and MISS A. MOORHEAD

Assisted by

Mrs. Mary Dale, Alto; Miss E. Reynolds, Violin;

Mr. P. Allen, Tenor

Piano Duet: Overture: The Hugonots.....	Meyerbeer
Alto Solo: Spring Dream	Schubert
Lullaby	Vannah
Piano Solo: Impromptu in A flat Major.....	Schubert
Violin Solo: Romanza, op. 31, No. 2.....	Chaminade
Piano Solo: Wedding Day in *Troldhaugen.....	Grieg
Melody in F, op. 3, No. 1.....	Rubinstein
Espagnole, op. 110.....	Godard
Tenor Solo: Serenade	Schubert
"Thora"	Adams
Piano Solo: Nocturno in E flat Major.....	
Valse, in E Minor.....	Chopin
The Chase	Rheinberger

*Troldhaugen—Country Residence of the Composer.

PIANO AND VIOLIN RECITAL

Given by

MISS M. MEHLER and MISS S. BOOTS

Assisted by

Miss M. Gealy and Miss H. Lytle

Sonata for Violin and Piano, II and III Mov. in d Minor.....	Gade
Rec. and Aria, "With Verdure Clad," for Soprano.....	Haydn
Piano Solo: Impromptu in G Major.....	Schubert
Valse in E Minor.....	
Polonaise in A Major.....	Chopin
Violin Solo: Cavatine in D Major.....	Raff
Serenade and op. 138, No. 5.....	Godard
Soprano Solo: Cradle Song	Brahms
In the Time of Rosebud's Blooming.....	Hadley
Juliet's Song	Turner-Salter
Piano-Solo: Barchetta	Nevin
Veil-danze	Frinel
Violin Solo: Mazurka	Winiawsky
Memory of the South.....	Stella Price
(Fantasia on Southern Airs)	

PIANO AND VOCAL RECITAL

Given by

MISS A. ROUDABUSH and MR. A. HANNA

Assisted by

**Misses C. Monro, B. Treffinger, S. Boots,
G. Hosick and I. Poehlmann**

Piano Duet: March op. 51, No. 1.....	Schubert
I Mov. from Sonata op. 8 for Piano and Violin.....	Grieg
Tenor Solo: Rec. and Aria, "All Hail, Thou Dwelling Chaste and Lowly," from the Opera Faust.....	Gounod
Piano Soli: (a) Polonaise op. 26, No. 1.....	
(b) Valse op. 34, No. 1.....	Chopin
Tenor Soli: (a) Good Bye	Tosti
(b) Rose of My Heart.....	Loehr
(c) A Banjo's Song.....	Homer
Piano Soli: (a) Autumn	Moszkowski
(b) Norwegian Bridal Procession Passing By.....	Grieg
Vocal Duet: The Gypsies.....	Brahms-Garcia

ORGAN RECITAL

Given by

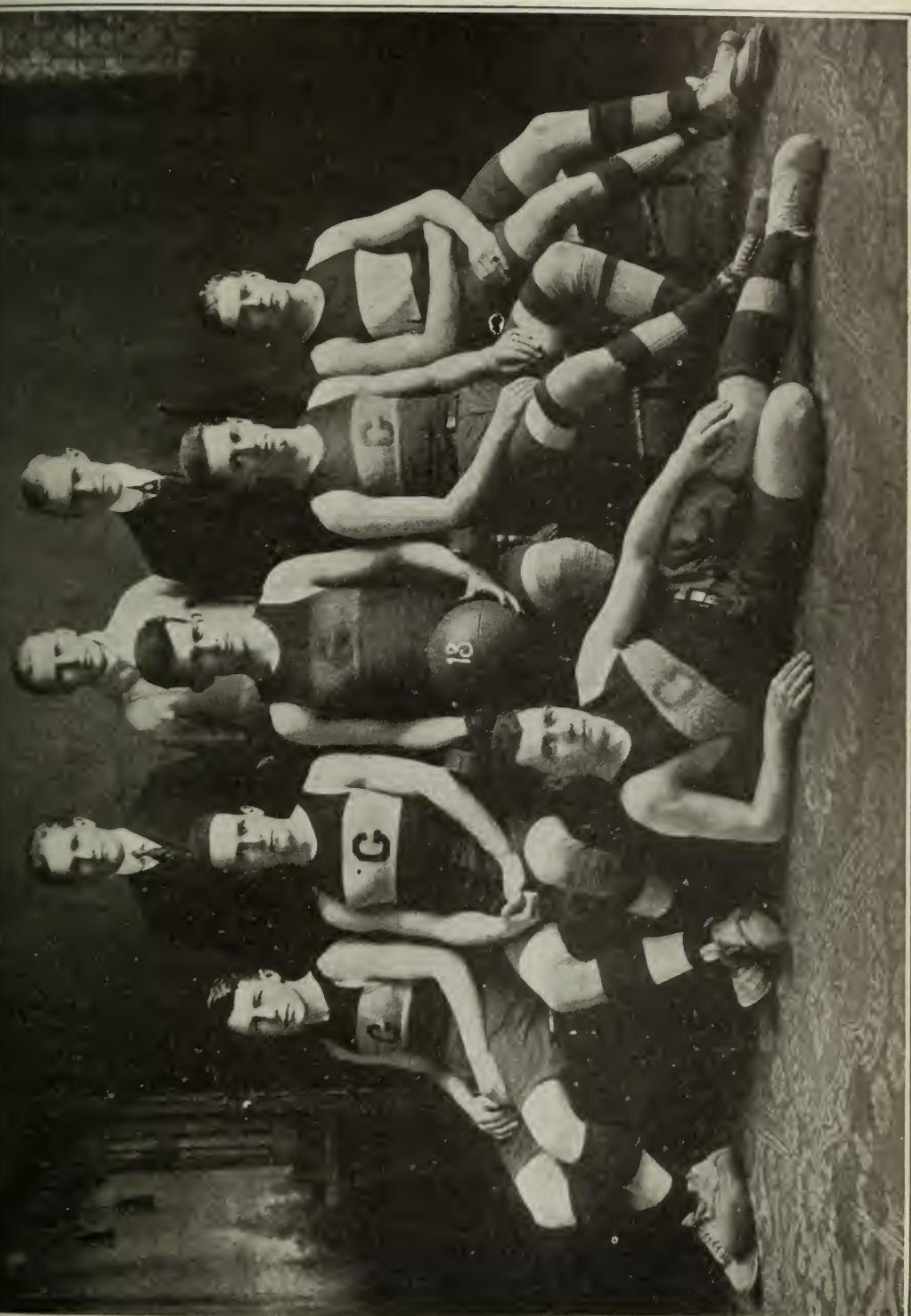
MR. D. VINCENT GRAY

Assisted by

**Misses S. Boots, M. Dale, M. Gealy, G. Hosick, I. Poehlmann
and Messrs. A. Hanna and G. Anderson**

Organ Solo: Prelude and Fugue in A Minor.....	Bach
Trio for two Sopranos and Alto: "Blessed Is He That Considereth,"	Schnecker
Organ Solo: Sonata in A Minor.....	Rheinberger
I. Moderato.	
II. Intermezzo.	
III. Fugue Chromatic.	
Aria for Soprano: "Rejoice Greatly, O Daughter of Zion," from the Oratorio, "Messiah".....	Haendel
Organ Solo: Andante from IV. Organ Symphony.....	Widor
Duet for Organ and Violin "Contemplation".....	Farand
Trio for Soprano, Tenor and Bass: "On Thee Each Living Soul Awaits," from the Oratorio, "The Creation".....	Haydn
Organ Solo: Variations on "God Save the Queen".....	Hansen

BASKET BALL TEAM, 1913



MUSICAL ENTERTAINMENT

Given by the

MUSIC GRADUATES OF GROVE CITY COLLEGE

Assisted by

Miss G. Hosick, Soprano; Miss I. Poehlmann, Mezzo-Soprano;
Mr. A. Hanna, Tenor; Mr. S. Seiple, Pianist; Prof. G.
Mehner, Organist; Miss J. Glenn, Accompanist,
and Orchestra under the direction of
Dr. H. Poehlmann

PART I

PART II

RATES OF TUITION PER TERM

PRIVATE LESSONS

Vocal

Instruction given by Dr. H. Poehlmann.

One term's instruction, (two half-hour lessons a week).....	\$27.00
One term's instruction, (one half-hour lesson a week).....	15.00

Instruction given by an Assistant.

One term's instruction, (two half hour lessons a week).....	\$22.00
One term's instruction, (one half-hour lesson a week).....	12.00

Piano

Instruction given by Dr. Poehlmann or Prof. Mehner.

Two half-hour lessons a week.....	\$27.00
One half-hour lesson a week.....	15.00

Instruction given by Miss Glenn.

Two half-hour lessons a week.....	\$22.00
One half-hour lesson a week.....	12.00

Organ

Instruction given by Prof. Mehner.

Two half-hour lessons a week.....	\$35.00
One half-hour lesson a week.....	20.00

Violin

Instruction given by Dr. Poehlmann.

Two half-hour lessons a week.....	\$27.00
One half-hour lesson a week.....	15.00

Other Expenses

Harmony (in classes).....	\$12.00
Counterpoint (in classes of two).....	15.00
Composition (in classes of two).....	20.00
Teachers' Instruction in Piano.....	6.00
Teachers' Instruction in Voice.....	6.00
Dictation and Ear Training.....	6.00
Forms and Analysis.....	6.00

DUET LESSONS IN PIANO.

Two half-hour lessons with one of the Professors.....	\$10.00
One half-hour lesson with one of the Professors.....	5.00
Two students together.....	4.00

Piano duets are free for all students who have Piano
and Harmony.

Chorus is free for all music students.

Music History is free for all music students.

Piano accompanists' course.....	\$10.00
Elements of Music.....	4.00
Piano practice periods in the Music Hall, forty minutes, for the term	1.00
For Music Library, Sheet Music for Chorus and Ensemble.....	1.00

Fees for certificates of any kind.....	2.00
Additions or duplicates.....	1.00
Organ practice periods in Carnegie Hall, one hour, for the term	5.00
Certificates of Dismissal.....	1.50
Diplomas	3.00
Special Examinations	1.00

Tuition is payable invariably in advance. No matriculation or registration fees, or entrance fees to college athletic games are charged; a fee of \$1 per term is charged each student for use of the gymnasium.

GROVE CITY PREPARATORY SCHOOL

GROVE CITY COLLEGE maintains a Preparatory School in which the branches preparing for a college course are taught, most of them every session.

It is in this department that the foundation of scholarship is laid and the habits of study formed; for this reason we have put large emphasis upon the work of our Preparatory Department. In the past twenty-five years, hundreds, we might say thousands, of young people have received instruction in preparatory branches in this institution, hundreds have prepared for college, and many hundreds have gotten the knowledge and discipline that have made them efficient and successful teachers.

In fact, we cover in this department all the essential work of the State Normal Schools, and confidentially and conscientiously say that in this department we can do as much for the preparation of teachers for the public schools as any of the State Normal Schools.

It is worthy of remark that a student coming into the Preparatory Department at any time in the year can find work suited to his needs. We teach all common school branches every session and every necessary grade of each; Latin, Greek, Algebra and Geometry are begun each session of the college year, so that a student can find a beginning class in any one of these subjects and in any one of the common branches, and all of the subsequent grades of each, at the beginning of each term of the college year. While this necessarily multiplies classes, we feel that the institution is well repaid by the large number of young people who avail themselves of the advantages here on account of the very wide scope of work provided.

Grove City College has adopted the four terms system, and in consequence its doors are open forty-six weeks in the year. There are three terms of twelve weeks each, and

the Summer Term of ten weeks. As much work can be done in this ten weeks' term as in one of the regular sessions, as athletics and literary club work are suspended.

The tuition is \$25 per term; fee for use of Gymnasium is \$1. No Athletic fee or Hospital fee is required of those who take the preparatory work. Hospital expenses are met by the College up to an amount not exceeding forty dollars in cases of sickness of preparatory students.

PREPARATORY STUDIES

Preparatory studies embrace the common school branches, Arithmetic, English Grammar, Political Geography, United States History, Orthography, Penmanship and Physiology. The preparatory subjects proper are Elementary Algebra, Intermediate Algebra, Plane and Solid Geometry, English, Latin, Greek, German, French Physical Geography, Physics, Chemistry and Botany. In these branches, there is work of every grade of advancement each term.

Arithmetic, Grammar, Political Geography, United States History, Orthography, Penmanship, Physiology, Physical Geography, and Botany, are completed in one term's work. There are three terms of Algebra, in which time work through Quadratic Equations and Progressions is completed. Geometry requires three terms, two terms in Plane Geometry and one in Solid and Spherical Geometry.

The English includes study of the English Language, Composition writing and study of classics.

The general plan of the instruction in Latin is as follows: From the beginning accuracy in pronunciation and in knowledge of inflectional forms is rigidly required. The work of the first year consists in the acquirement of the elementary principles of the language and the reading of easy selections as an introduction to the more difficult prose of Caesar. The work in Caesar is followed by Cicero's Orations, and this by six books of Vergil's Aeneid.

The efforts of the instructor are mainly directed to training the pupil to read Latin, i. e., to recognize the thought in its Latin dress. Translation is employed more as a test of the accuracy of the student's work than as an object in itself. The student is taught to understand correctly the meaning and use of the words, to discriminate readily between forms and phrases, and to feel the exact significance of construction, idiom and arrangement. This reading is supplemented by practice in writing Latin.

The preparatory work in Greek is divided as follows: two terms for the beginner's book, three terms for Xenophon, and one term for Homer. In the first two terms, a thorough mastery of forms and of the elementary principles of syntax is sought after as well as the acquiring of a working vocabulary of several hundred Greek words. Four books of Xenophon's *Anabasis* are read in the next three terms, the grammar is carefully reviewed, and the foundations for a scientific study of language are laid. Every student is required to master all words occurring more than ten times in the entire *Anabasis*, and about twenty-five pages of English prose are translated into Greek, thus emphasizing the prominent features of Greek syntax. In the last term of the preparatory work three books of Homer's *Iliad* or *Odyssey* are read. The student is expected to gain a working knowledge of prosody as to be able to read hexameter verse fluently. Epic forms are examined and comparisons made with the corresponding forms of Attic Greek.

There are three classes in Preparatory German. First term, Grammar, (Spanhoofd's *Lehrbuch*) ; second term, Grammar, continued and supplemented by conversation and easy translation; third term, easy translation and prose composition and conversation.

Preparatory French, first term, Grammar (Francois), conversation, translation (Guerber's *Contes et Legendes*). Second term, continuation of first term. Third term,

Grammar and conversation continued from second term, and translation (*Labidies*, *La Poudre aux Yeux*, and *Le Voyage de M. Perrichon*).

Among the sciences we offer Physiology, Biology and Physical Geography; Physics, two terms, and Chemistry, two terms. The preparatory work in Natural Science consists of courses in Physiology, Physical Geography and Elementary Biology. Although complete in themselves, yet it is planned that these subjects shall form a foundation for the more advanced work in this department. The subjects are taught one term each.

Physics, first term, recitations and lectures three periods a week, laboratory work six periods a week. Second term, five recitations and lecture periods per week. Mann and Swiss Physics, is the text.

Chemistry, a two-term course, based on Brownlee's First Principles of Chemistry; three recitations and lecture periods and six periods laboratory work per week.

GENERAL INFORMATION ON THE PREPARATORY DEPARTMENT

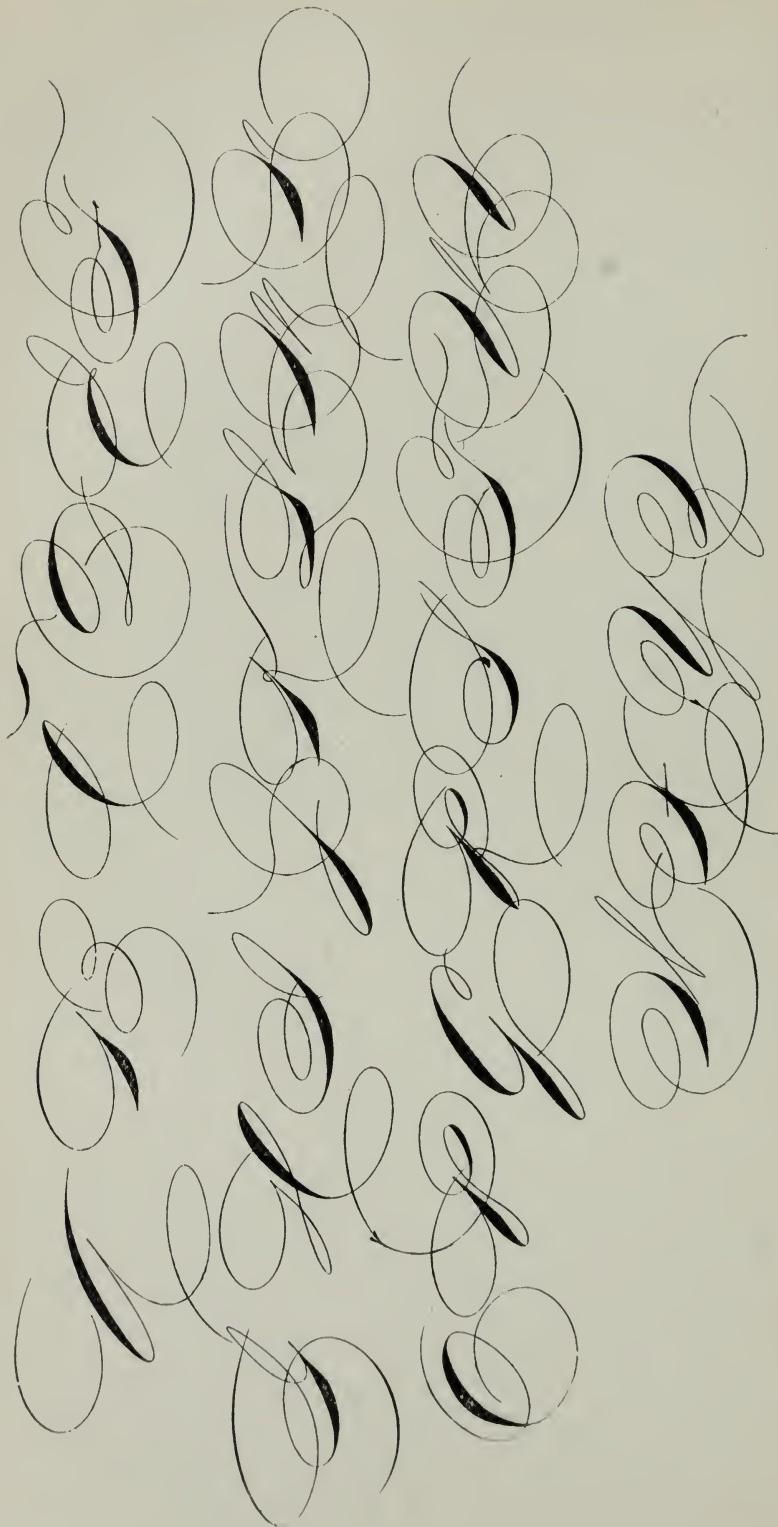
1. The schedule or program for each one of the four sessions provides work for the preparatory student of any degree of advancement. This includes work in the common school branches, as well as work in every preparatory grade of Latin, Greek, Algebra, Geometry, entrance English, Composition and Rhetoric, etc.

2. Parents having sons and daughters to send to a Preparatory School should consider well the advantages of having their children receive their preparatory training under the helpful influence of a Christian College, and particularly under the influence of direct association with college men and women of mature years. The influences surrounding a young boy or girl in preparatory schools where they are not dominated by mature minds lead in very many such schools to the cultivation of the vices, rather than the virtues of college life. At Grove City Col-

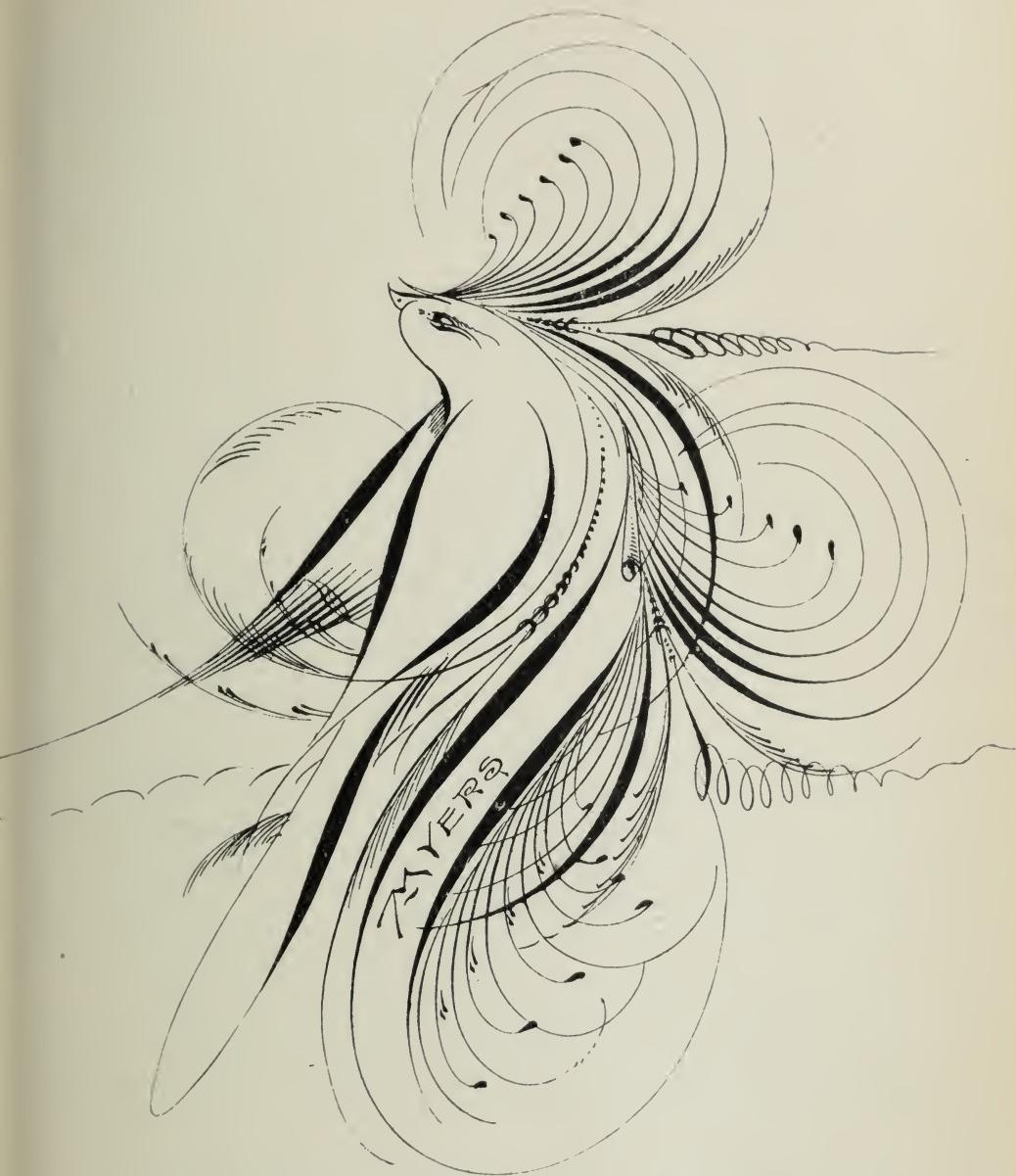
lege, which receives preparatory students, as well as college students, the splendid results coming from the association of young boys and girls with the older students, who have their habits formed, are being constantly remarked by the members of the College Faculty. Moreover, the preparatory students have the advantage of instruction in much of their work by the College professors.

Grove City College has a right to be known as a thoroughly Christian College and an institution where the habits and moral well-being of students are carefully guarded. It is a safe place to send a young boy or a young girl.

Programs and schedules of preparatory work will be sent to parents and those especially interested, on application. Boys and girls will be received into the Preparatory Department who have made considerable progress in the common school branches. The boarding rates are the same as for students of the College or of the Conservatory.



E. C. MYERS, PRINCIPAL
Business Department



GROVE CITY COMMERCIAL SCHOOL

GROVE CITY COMMERCIAL SCHOOL is closely connected in its organization with Grove City College. It maintains a course of study especially adapted to the needs of young men and women preparing themselves to become bookkeepers, accountants, stenographers, etc.

COMMERCIAL COURSE

The course is similar to that pursued in the leading schools of the country and furnishes instruction not inferior to that found in the best business colleges of the State. We offer in this department a complete Commercial Course, one which prepares for business life in the widest sense and which gives thorough instruction in Bookkeeping, Banking, Counting Room Work, and all such subjects.

BOOKKEEPING

Instruction in this branch is divided into four departments: Introductory, Intermediate, Advanced and Office Departments. The work is so planned that all other branches of study are made to keep pace with the student's progress in Bookkeeping.

In the Introductory Department the pupil is thoroughly grounded in the principles and forms of negotiable paper and all such documents as pertain to practical business.

In the Intermediate Department the student is thoroughly tested as to his proficiency in the work already performed. Special forms of books are opened and closed, and advanced courses in commercial law and business correspondence are pursued and complicated features of accounts are carefully considered and mastered.

In the Advanced Department several special lines of work are taken up covering Banking, Wholesaling, Commission House Work, Jobbing House Work, Transportation, and Business Practice.

COLLEGE NATIONAL BANK

The Bank sustains the same relation to the pupils that the regular bank does to business men. It receives deposits, pays checks, collects notes and drafts, as well as domestic and foreign exchange, issues certificates of deposit, etc.

WHOLESALE HOUSE

Our wholesale house buys its goods of jobbers and sells at wholesale rates to the business practice department. The duties of this office involve writing letters, making out bills, preparing invoices, keeping banking accounts, rendering statements, drawing and paying drafts, notes, etc.

BUSINESS PRACTICE

The business practice and the counting room are the leading features of our Commercial Course and do more to advance the student in his work than any other feature of the business course. Here the pupils become in all essential particulars business men. They are provided with capital and with all necessary documents, the books and stationery of a business house. They are led through a course of transactions, correspondence and records which are adapted to the thorough training of the student. This work is very comprehensive, including the keeping of a set of books, the drawing up of all kinds of business documents, including drafts, notes, checks, leases, mortgages, deeds, co-partnership and other contracts, receipts, orders, and all such business forms as pertain to actual business.

COMMERCIAL LAW

We give special attention to commercial law. No student is equipped to go out into business who has not

a thorough knowledge of the essential laws of business. We use as our leading text-book a work entitled "Commercial Law," published by Williams & Rogers, and go thoroughly into such subjects as the laws governing transactions, negotiable paper, agency, partnership, joint stock companies, corporations, insurance, interest, liens, tender, payment, real estate conveyance, etc., etc.

PENMANSHIP

We insist that our students shall take penmanship during the entire course until they become skillful business penmen. There are hours for penmanship practice daily during the entire course.

OUTLINE OF WORK

Commercial Law.

Business Correspondence.

Rapid Calculation.

Commercial Arithmetic.

English Grammar.

Penmanship.

Bookkeeping—Initiatory Blanks are Journal, Cash Book, Sales Book, Bill Book and Ledger. Intermediate and Advanced are Special Column Journal, Retail, Commission, Jobbing, Manufacturing, Single Entry, Banking and Three Weeks in Business Practice, with general review of previous work.

Business Practice includes keeping a set of books, receiving and issuing checks, notes, drafts, certificates of deposit, invoices and telegrams.

STENOGRAPHY AND TYPEWRITING

Practical stenographers and typewriters are in demand in almost every branch of business. The field for the practical application of stenography and typewriting is daily enlarging. Good stenographers and typewriters find ready employment at good salaries.

We teach the touch system of typewriting and the use of different typewriting machines, such as Remington, Visible Underwood, etc.

The time required to become a rapid office stenographer is, on the average, nine months. We guarantee to

prepare the average student who applies himself for practical office work as a stenographer in three terms.

TUITION

Tuition in the Commercial School is \$25 per term; a Gymnasium fee of \$1 is charged each student. This permits the student to receive instruction in all branches pertaining to this course for two full sessions as well as instruction in Grammar and Arithmetic. Many, no doubt, will be able to complete the course in less than two terms, especially those who have a good knowledge of the common branches. Books and stationery, \$6 for the course.

Tuition in Stenography, \$25.00 per session or \$60 for the full course, payable in advance. Students paying \$60 are limited to three terms. Each student is charged a Gymnasium fee of \$1, per term.

Tuition in Typewriting, \$10 per term, including the use of the machine for that time; practice for an additional term, \$5.

A diploma is awarded to each graduate setting forth the fact of graduation, and efficiency attained.

We can furnish sufficient work to employ the entire time of the students, yet many take advantage of the literary work of the College. Those taking one subject in the College are required to pay \$5; those taking two or more subjects, \$10.

SPECIAL ADVANTAGES

1. The opportunity of pursuing a business course under the best Christian influences.
2. The exceedingly low cost of a course in business here as compared with that of the usual business or commercial college.
3. The stimulus incident to association with earnest students in the College.
4. The opportunity of taking literary studies in connection with the business course.

5. The comparative safety of a student from the vices and allurements of a large city.
6. Access to the College library and reading room, the advantage of literary and musical societies at the College, and the free use of all facilities provided for the College students.
7. The opportunity of taking stenography and type-writing in connection with commercial studies is improved by many who enter the business department.

GROVE CITY SCHOOL OF ART

THE GROVE CITY SCHOOL OF ART was organized in 1893, since which time there has been a manifest growth of art sentiment in the community. It is closely affiliated with Grove City College.

Miss Lillian McConkey, who received her training in some of the best art schools of this country and notably at the Academy of Fine Arts, Philadelphia, and who has had several years successful experience in teaching was engaged to take charge of this work at the beginning of the year 1904-5.

Miss McConkey has demonstrated her fitness for the position and has been very successful in creating in her pupils a love for Art in the highest sense. At her request she was excused during the past year for a year's advanced study at the Academy of Fine Arts, Philadelphia, from which place she has returned full of new ideas and methods for her work.

Miss McConkey is a constant and conscientious student herself, and has the power of seeing nature with seeing eyes. She has also the gift of interpreting nature for others and gives to each pupil her careful and personal attention.

The remarkable showing upon our walls of each year's output in all the classes of the department in creative, as well as merely representative work, is evidence that students are being truly "educated." The work reveals the sensitiveness that has been developed in them to all forms of beauty—beauty of form, of color, of line, of mass and of value, and with it the power to express those images of beauty which William M. Chase, the artist, so graphically calls the Oratory of Art.

The regular course in the fine arts is compassed by the average pupil in two years, if the entire time is spent

in the Studio. This includes four regular lessons a week from the Instructor and personal criticisms in all the work done in her absence. The tuition for the full course work is \$27 a term. To those not wishing to follow the regular course of work, two lessons a week will be given for \$15 a term. Students, who desire to take literary work can do so by paying \$10 for one subject or \$15 for two or more subjects. Art students who take Music or Commercial work, pay the full tuition in these respective departments. Those students, desiring to take up Art for public school work, will be furnished instruction along this line. The foundation of the work will be the same as that required in the regular course, changes being made to suit the requirements of this work. The time for the completion of this course and the tuition will be the same as the other. This is a line of work that is practical and for which there is great demand. Quite a number of our graduates are successfully engaged in this work.

The following is a brief outline of the work compassed in the Fine Arts:

Crayon drawing from geometrical solids and vases with applied perspective. Lead pencil drawing after foliage and flowers from nature, with training in observation of plant growth for use in flower painting from nature.

Charcoal drawing from still life as exercised in composition and for study of varied colored values. Brush drawing in Sepia and charcoal, gray from foliage, casts and still life. Practice for the handling of water color. Historic ornament; time sketching; perspective; antique drawing from casts of the human body; water color from the flat and from nature. Oil from the flat and from nature. China sketching; art history; outdoor sketching.

For those desiring to teach art in the schools, special work is outlined in Mechanical Drawing, Design, His-

toric Ornament, Figure and Animal Drawing, Pictorial representation, Art History, etc.

Pupils residing in the town and not in any regular course will be exempt from the extra Gymnasium fee of \$1.00, if no other work is required. Miss McConkey, while in the East, has found time to look up the newest and very latest things in china decoration and is prepared to give her pupils the best to be had along this line. Special inducements are given in this department and if so desired instruction will be given without previous training and the same careful attention as to their taking a more serious outlook of the subject.

RATES OF TUITION PER TERM

Course in Fine Arts.....	\$27.00
Course in School Art.....	27.00
China Painting	15.00
Water Color.....	15.00



ART DEPARTMENT

THE SUMMER TERM

The Summer term for 1913 was exceedingly interesting and successful, notwithstanding the heavy bereavement which the College suffered in the early part of the summer in the death of its President, Dr. Isaac C. Ketler. FOUR HUNDRED and FIFTY students enrolled for work in various departments, including the College proper, the Conservatory of Music, the Commercial Department, the Art Department, the College Preparatory Department, the School of Philosophy, the School of Pedagogy, the Department of School Supervision, etc.

A great many teachers took the six weeks term in Pedagogy, including review work in the common branches and work in the twenty-four subjects required by the School Code of those desiring State Permanent certificates. The universal testimony of the large number who attended this session was, that the School met every need of those who attended upon this session in the great variety of its departments of instruction maintained. No student coming to this school was disappointed in either the character of the instruction or in the studies desired. It is the policy of the College to carry out all advertised promises so as to meet every demand of the large number of men and women who come here for instruction along various lines.

THE SUMMER TERM FOR 1914

The Summer term for 1914 will begin Tuesday, June the 16th, continuing for ten full weeks, and closing August the 21st, 1914. The School of Pedagogy for 1914 will begin on June the 18th and close July the 30th. For the year 1914 the College will offer work for men and women at every stage of advancement, either college preparatory, or college studies, and will offer an exceedingly attractive program for students in Pedagogy, covering work in Primary, Intermediate and Advanced Grade Methods,

Music for teachers, School Drawing in all its forms, School Management, together with instruction in the twenty-four subjects required for State Permanent Certificates under the School Code, with review work in the common branches, and it will also offer an opportunity to students coming for the six weeks term only to get academic work suited to their needs of any character whatever.

The Department of School Supervision will be held from July 20th to July 30th.

THE BIBLE SCHOOL

The Bible School will begin Thursday evening, July 30th and close Sunday evening, August the 8th.

NORMAL SCHOOL GRADUATES

In the matriculation of Normal School Graduates at Grove City College generous consideration is given to the work already done in the Normal Schools and the rules governing entrance to the College are interpreted liberally. In effect, full credit to all such for the work done so far as the subjects are the same and involve an equivalent amount of work. One full term's credit is given in Psychology in addition to what is specified in the general rules, and also one full term's credit in Trigonometry,—these credits, of course, being contingent upon the student's taking the next step in these subjects, and being successful in the advanced work.

TUITION

Tuition for the Summer Session is the same as for any other session of the college year, except for the short term in Pedagogy. The tuition for Pedagogy is \$15; tuition in Philosophy is \$30. Students of Pedagogy taking academic and collegiate work can do so by paying a small additional fee for this work. In no case will the tuition exceed \$25, for both Pedagogy and Academic studies.

Boarding and rooms can be had at very reasonable rates, and the rates are determined by the length of the term.

Room and boarding for ladies can be furnished at the Colonial, Pelton and Cunningham Halls at rates ranging from \$42.00 to \$57.00 for the full term of ten weeks; and \$27.00 to \$37.00 for the full six weeks term of Pedagogy, closing July the 31st.

The above rates vary according to the location of the room,— the fourth floor rooms being granted at the lower rates.

For detailed information regarding the Summer Term write for special literature and Bulletins. The College Bulletin is issued quarterly, and a large and illustrated Bulletin devoted to the Summer work will be ready for mailing by January the first, 1914. For all information address the President of the College, A. T. Ormond, Grove City, Pa.

COLLEGE ROSTER
POST GRADUATE DEPARTMENT

Philosophy

Cray, Daniel J.	Wilkes-Barre
Crowther, Glenn H.	Grove City
Dewing, Geo. H.	Mandota, Ill.
Forrer, Sam'l H.	Erie
Gibson, Z. Montgomery.	Philadelphia
Granger, Gordon L.	Pittsburgh
Hoban, C. F.	Dunmore
Millison, A. N.	Pittsburgh
McCreary, G. B.	Sterling, Kan.
McCartney, Hugh W.	Chicago
Oliver, John Milton	Halstead, Kan.
Oyler, R. Skyles	Clearfield
Peirce, W. M.	Ridgway
Rodkey, Edith	Oakmont
Rinker, Austin J.	Mercer
Smathers, C. Blaine	Grove City
Sweeney, J. W.	St. Marys
Taylor, Geo., Jr.	Mercer
Thompson, T. E.	Emsworth
Turnbach, Seargent P.	Apollo
Turney, Omar A.	Phoenix, Ariz.
Young, Sylvester W.	Harrisville
Ladies, 1; Gentlemen, 21; Total, 22.	

UNDERGRADUATE DEPARTMENT

Seniors

Archibald, Ralph M.	A.B.	Shiloh, N. J.
Acher, Howard M.	Ph.B.	Grove City
Breckenridge, Marguerite	A.B.	Grove City
Bottenhorn, Barclay Hugh	B.S.	State College
Burns, Bessie A.	A.B.	Mercer
Byers, Ora M.	A.B.	Vandergrift
Barnes, Clyde	A.B.	Jackson Center
Booth, Flora	A.B.	West Alexander
Cheeseman, Frank P.	A.B.	Slippery Rock
Caruthers, Mary Bruce	A.B.	Bellevue
Coulter, Joseph R.	B.S.	Grove City
Davidson, Nelle	A.B.	Grove City
Doerr, J. Alfred	A.B.	Keister
Forsyth, William D.	A.B.	Millvale
Good, Edward C.	A.B.	Dayton
Gilbert, Ralph V.	A.B.	Fredonia
Gilliland, Howard S.	A.B.	Chester, W. Va.
Gudekunst, J. Edward	A.B.	Zelienople
Harlan, Mrs. Mary E.	A.B.	Clintonville

Henderson, Earl F.	B.S.	Sandy Lake
Herlinger, Harry V.	Ph.B.	Indiana
Hoesch, William A.	A.B.	Grove City
Hoban, Charles F.	A.B.	Dunmore
Hoyt, Creig S.	B.S.	Arkport, N. Y.
Jamison, John C.	Ph.B.	Eau Claire
Kendall, Harold	B.S.	Marienville
King, John A.	Ph.B.	Grove City
King, J. Earl	A.B.	Hilliard
Kiskaddon, Walter W.	Ph.B.	Grove City
Locke, David C.	A.B.	Monaca
Love, Albert A.	A.B.	McDonald
Means, Herbert G.	Ph.B.	Indiana
Miller, Pauline	A.B.	Butler
Morledge, Walker	A.B.	Grove City
Masters, Harry	A.B.	Centerville
Myers, Hazel	A.B.	Mercer
Mead, Mary B.	A.B.	Curwensville
McAninch, Chelcie	A.B.	Lamartine
Norris, Letitia W.	A.B.	Swissvale
Price, Irene S.	A.B.	Sharon
Peebles, Genevieve	A.B.	Grove City
Peeler, George H.	A.B.	Grove City
Ramsey, U. Clifford	A.B.	Portersville
Rodkey, Edith	A.B.	St. Marys
Ramsey, Arthur	A.B.	Jeannette
Reiter, Ralph	Ph.B.	Unitey Station
Shields, Arthur W.	A.B.	Coraopolis
Steele, Edith Mariah	A.B.	Apollo
Scofield, Leila I.	A.B.	Jefferson, O.
Stewart, S. Mertz	A.B.	Emlenton
Sweeney, J. W.	A.B.	St. Marys
Trezona, Guy D.	B.S.	Grove City
Thompson, Homer	Ph.B.	Grove City, R. F. D. 16
Weidman, Helen	A.B.	Mercer
Welsh, Ruth	A.B.	New Castle
Wakefield, Florence K.	A.B.	Greenville
Wolfe, Edna Hughes	B.S.	Leetsdale
Young, Josephine A.	A.B.	Mercer
Young, Lorene N.	A.B.	Mercer

Ladies, 23; Gentlemen, 36; Total, 59.

Juniors

Black, Gladys	Grove City
Black, Joseph	Grove City, R. F. D. 12
Hawthorne, John D.	Mercer, R. F. D. 9
Hazelwood, Steve H.	New Castle
Kelly, Thomas V.	Eau Claire
Lemmon, Robt. S.	Mt. Pleasant
Morrow, John D.	Bakerstown
O'Donnell, Lee I.	Butler
Patton, Jean K. E.	Vandergrift
Purvis, Samuel J.	Grove City
Robb, Samuel M.	Brockport

Ross, Lela E.	Sandy Lake
Scott, James E.	Benwood, W. Va.
Shultz, I. Sturger	Watsontown
Selander, John	Warren
Spearman, John J.	Grove City
Stevenson, J. Franklin	Grove City
Weisgerber, Cyrus A.	Luthersburg
Wiggins, Nellie Julia	Vandergrift

Ladies, 4; Gentlemen, 15; Total, 19.

Conditional Juniors

Adams, Lytle	Penn Run
Baker, Victor L.	Clairton
Campbell, Cassius H.	New Castle
Crawford, Glenn M.	New Alexander
Cribbs, James E.	Grove City
Conley, Clarence A.	Mars
Dean, Orman L.	Grove City
Gilfillan, Jessie M.	East Brook
Gaut, Arthur E.	Wilkinsburg
Green, Lee M.	Kittanning, R. F. D. 5
Hawkins, L. Mabel	Jefferson
Jenkins, John C.	Girard
Kennedy, G. Earl	Mars
Kimmel, Mary	Latrobe
Lyon, Wilbur H.	Canonsburg
Mathay, Edna	Sharon
McDowell, T. Howard	Grove City
McConnell, Ralph I.	Hadley
McEldowney, Helen	Sharon
McIntyre, Dewitt	Dayton
Nelson, Claude A.	Rimersburg
Orwig, S. Earl	Phillipsburg
Patton, Lilian	Vandergrift
Patterson, Harry D.	Grove City
Robinson, John L.	New Castle, R. F. D. 8
Rodgers, Howard	Pittsburgh
Ross, Clair	Sandy Lake
Shiner, Elizabeth P.	Gloversville, N. Y.
Stewart, Mabel M.	Washington, D. C.
Stockdale, Howard R.	Echo, R. F. D. 1
Sturgeon, Louise	Grove City
Stahlman, Clarence E.	Sykesville
Thomas, Horace G.	Coraopolis
Turner, Lambert	Grove City
Turner, Rachel	Grove City
Young, Ernest C.	Grove City
Young, Mary	Grove City

Ladies, 11; Gentlemen, 26; Total, 37.

Sophomores

Atkinson, Mabel	Elm Grove, W. Va.
Boucher, S. Doid	Lovejoy
Burch, Charles	Russell

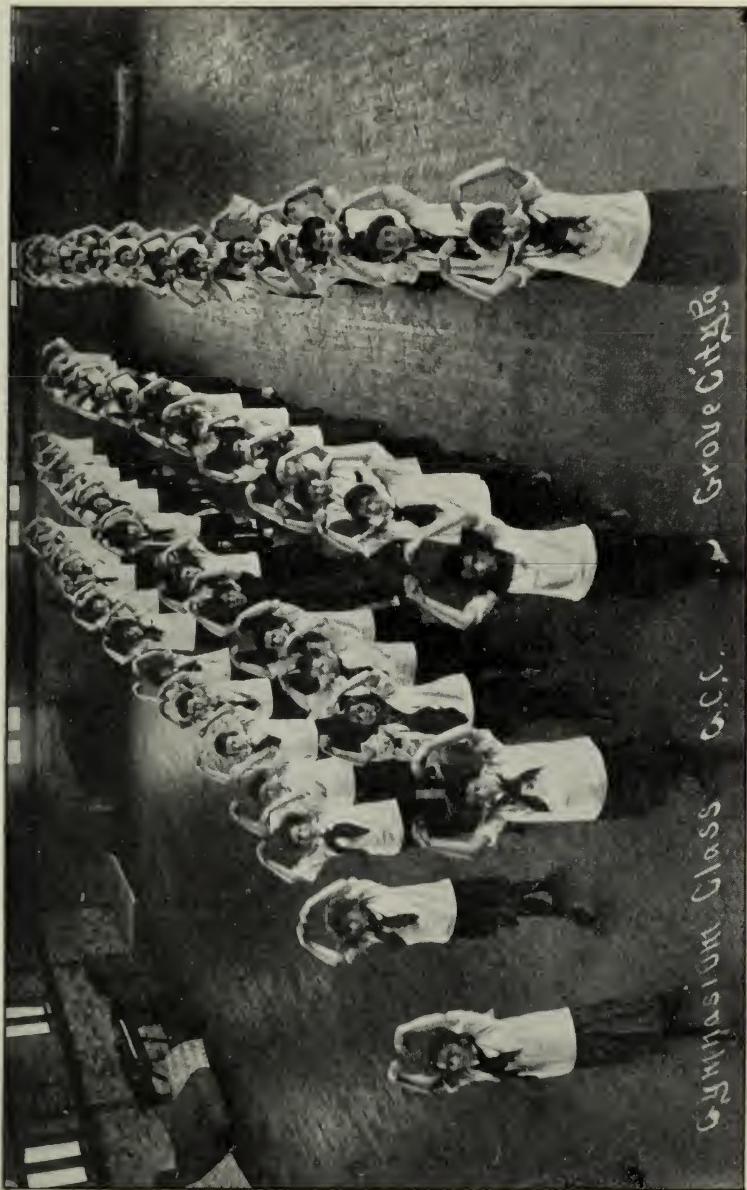
Benade, Anna.....	Big Run
Black, Pauline.....	Mont Vista, Col.
Brenner, Roy A.....	Jamestown
Brogan, Grace.....	Clairton
Brunstetter, Roscoe H.....	Clairton
Bullock, David N.....	Englishtown, N. J.
Boone, Odis V.....	Grove City
Bovard, Robert S.....	Grove City
Clawges, Ross W.....	Reynoldsville
Cloos, Ira H.....	Clearfield
Colwell, Turney E.....	Parkers Landing
Campbell, Gurwin.....	Big Run
Campbell, Floyd L.....	Petrolia
Cummins, D. Mont.....	Bulger
Cameron, James W.....	New Castle
Covert, Alice.....	Portersville
Cox, Emma E.....	Munhall
Cox, Margaret L.....	Munhall
Davis, Donald P.....	Atlantic
Daubenspeck, Angeline.....	North Washington
Daubenspeck, Frank.....	North Washington
De Marco, Michael F.....	Pittsburgh
Elliott, Howard H.....	Freeport
Fisher, Clifford G.....	Grove City
Foster, Marcia G.....	Nescopeck
Gearhart, Harry A.....	Mosgrove
Good, Frank J.....	Dayton
Helsman, Frank B.....	Burnice
Hogg, Calvin A.....	Slippery Rock
Henderson, Arthur B.....	Grove City
Henderson, Carroll D.....	Sandy Lake
Hosick, Gertrude.....	Grove City
Hughes, H. Merrill.....	Emlenton
Kind, Samuel.....	Valencia
Knapp, J. Scott.....	Clarks Mill
Locke, Offutt H.....	Woodlawn
Lord, Lemuel A.....	Madera
Love, Thomas R.....	Johnstown
Lash, Harry M.....	Yohoghany
Marshall, Ada.....	Dayton
Martin, Elsie N.....	Baden
Muller, Mabel K.....	Evans City
Marshall, Daryl C.....	Dayton
Meley, Everett L.....	Tiona
Miller, Madge.....	Apollo
Minehan, Anna.....	Sharpsville
Mitchell, Leah.....	Sharon
Montgomery, Mabel.....	Grove City
Montgomery, Matthew J.....	Piteairn
Moser, Walter L.....	Butler
McAllister, Hazel.....	Colegrove
McCormick, Eva B.....	Fredonia, R. F. D. 36
McCamey, Harold.....	Grove City
McClelland, Clark R.....	Blairsville
McCord, Thomas T.....	McKeesport

McCord, Walter D.	Grove City
McCune, Katherine	Grove City
Nadenicek, Joseph	Pittsburgh
Owens, John D.	Swissville
Prindle, John C.	North East
Peeler, Margaret C.	Grove City
Pierce, Harold O.	Grove City
Pringle, Samuel W.	Grove City
Platt, Edwin L.	DuBois
Rose, George D.	North Kingsville, O.
Rossmann, Walter F.	Knox
Ramsey, Frank C.	Hanlin Station
Ramsey, F. Earl	Hookstown
Reed, Harold S.	Erie, R. F. D. 3
St. John, C. Reid	Centerville
Snyder, Birde	Dutch Hill
Say, D. Lester	Parkers Landing
Show, O. Whitlaw	Ohiopyle
Soper, Lynn G.	Shinglehouse
Stuchel, J. Clair	Dayton
Studebaker, J. J.	Slippery Rock
Swank, Roland M.	Leechburg
Schaller, Chauncey W.	Clark
Shakely, Cleo	West Sunbury
Smith, Darwin D.	Oswayo
Sproull, Bert C.	Bruin
Stewart, John A.	Sharpsville
Swagler, Helen	Scenery Hill
Thompson, Celia M.	Grove City
Thompson, Matilda	Sharon
Urch, Erwin J.	Wattsburg
Vance, John G.	Grove City
Wellman, Harrison M.	St. Petersburg
Weil, Carson D.	Braddock
Wert, Logan M.	Sharpsville
Whieldon, Harold D.	Fredonia
Whitehill, Deane W.	Hookstown
Zenn, Phillip H.	McKeesport

Ladies, 26; Gentlemen, 70; Total, 96.

Freshman

Aiken, William F.	New Castle
Allen, Emma H.	New Cumberland, W. Va.
Anderson, Clarence L.	Hubbard, O.
Black, J. Walter	Millport, O.
Bastress, Ralph A.	Grove City
Bigler, Victor L.	Grove City
Bowen, Thomas V.	Claирton
Blair, Hazel	Clintonville
Connell, John T.	Slippery Rock
Caven, Lulu	Beaver Falls
Cummings, Benjamin	Jamestown
Cummings, Guy L.	Edinboro
Campbell, Lee Dorothy	Big Run



GIRLS' GYMNASIUM CLASS, '13

Campbell, Robert J.	Clarington
Cooper, W. Russell	Brockwayville
Craig, William A.	Grove City
Cutler, Lucy	Grove City
Clark, Sara	Grove City
Deal, James M.	Grove City
Decker, Horace	West Sunbury
Dickson, Frank E.	Valencia
Galbraith James L.	Grove City
Gallagher, Benjamin H.	Clarks Mills
Headley, Francis D.	West Findley
Howe, Mary	Grove City
Heckathorne, O. Howard	Slippery Rock
Kirkpatrick, J. Max	Shirleysburg
Leslie, Edith	Arnold
Long, George E.	Emlenton
Lawther, Boyd M.	Vandergrift
Martin, C. LeRoy	Grove City
Montgomery, Blanche	Grove City
Moore, Clarence D.	Portersville
Neely, William H.	Emlenton
Palmer, Maude A.	Pittsburgh
Potts, Lucia A.	Custer City
Perry, Paul	Branchton
Phillips, Edward D.	Emlenton
Robinson, Mary C.	Mercer
Robinson, Ellis F.	Grove City
Rodgers, H. Russell	Karns City
Shaw, Ira D.	Salina
Shoup, Clarence E.	Tidal
Smith, Stanley W.	Grove City
Sutman, Hudson T.	Monongahela
Sabol, John G.	McKeesport
Sutton, I. MacDonald	Woodlawn
Spence, Edwin	Grove City
Stull, Ida	Leechburg
Thompson, Hayes	New Wilmington
Throckmorton, Robert L.	Deer Lick
Thompson, Howard C.	Sharon, R. F. D. 58
Thorn, Robert E.	Grove City
Tyrrell, Eunice	Mercer
Veach, Samuel M.	New Castle
Wallace, Achsah	Mercer
Weisz, Abraham B.	Sapulpa
Wise, John L.	Harmony
Wolfe, Samuel, Jr.	Pittsburgh
Young, Victor V.	Grove City
Zenn, Harry D.	McKeesport

Conditional Freshmen

Davies, Thomas W.	Youngstown, O.
Green, Charles N.	Kittanning, R. F. D. 5
Grieff, Thomas F.	Emlenton
Heckert, Carl W.	Bakerstown

Hunter, Howard A.	Evans City
Kerr, James	Nebraska
Logan, Elry P.	Butler
McGranahan, Joseph T.	Jamestown
Wells, Marion E.	Oswayo

Ladies, 15; Gentlemen, 55; Total, 70.

Preparatory and Special Students

Akely, Archie P.	Sinclairville, N. Y.
Arnold, Laura	Ridgway
Allison, Playford W.	Carmichael
Askin, Bessie D.	Pittsburgh
Aikman, Robert P.	Brockwayville
Baker, Harriett	Raymilton
Brown, Fred P.	New Castle
Bartoo, Mrs. Blanche S.	Mills
Bell, Alice M.	Pittsburgh
Benton, Frank W.	Worthington
Black, Ira A.	New Castle, R. F. D. 7
Bowser, John A.	Big Run
Bowers, Marie	Rochester Mills, R. D. 52
Bortz, Clifford E.	Transfer
Bruner, Helen	Sandy Lake
Bradish, Tressa	Conneaut, O.
Bailey, Nelson J.	Jamestown
Brown, James S.	Portersville, R. F. D. 83
Bruner, Elmer E.	Kittanning
Buchanan, Merle	Grove City
Bachop, Emma E.	Sheakleyville
Bamford, Ray	Monongahela
Bell, Russell D.	West Middlesex
Boon, William B.	Cannonsburg
Bigler, Helen	Grove City
Bourquin, Louis L.	Tidioute
Black, James Luther	Grove City
Climenhaga, John A.	Grantham
Clutton, Augustus T.	Slippery Rock
Coleman, Mrs. Gertrude	Instanter
Cassidy, Treva	New Castle
Condron, Edwin	Verona
Connell, Jo Anna	Erie
Cook, Charles D.	Springboro
Chamberlain, Helen	Grove City
Christler, Olive B.	Murdocksville
Crossland, Howard	Boswell
Cross, Pearl	Boyers
Crummy, H. R.	Grove City
Culley, Audrey	Hookstown
Crouse, Ober D.	Stahlstotwn
Davis, Erma	North Braddock
Davis, Mildred	Atlantic
Des Rochers, Chester H.	Instanter
Doty, Elda	Rochester Mills
Doyle, Mary A.	Scranton

Driehorst, Laura Rose.....	Washington
Daugherty, Vivian Corinne.....	Clintonville
Dean, Howard.....	Mars
Erskine, Mary.....	Pittsburgh
Everitt, Eugertha.....	Gold
Ewig, Harry T.....	Belle Vernon
Ely, Katherine.....	Washington
Fleming, Nora E.....	West Sunbury
Floyd, Adelia B.....	Pittsburgh
Foote, James R.....	Smithport
Fithian, Leila.....	Grove City
Frost, Clair.....	Stoneboro
Glenn, Burdette.....	West Sunbury
Glunt, Homer.....	Apollo, R. F. D. 2
Gould, Charles.....	Grove City
Graham, Lloy W.....	Conneautville
Gahagen, Claire B.....	Dayton
Gibbons, Paul H.....	Sharon
Guthrie, Elizabeth.....	Ford City
Grossman, Eugene.....	Slippery Rock
Gibson, Olive.....	Grove City
Humphrey, Helen.....	Portersville
Harbison, R. Leland.....	Tarentum
Hug, Rosa B.....	Indiana
Hawkins, H. Clarence.....	Jefferson
Hays, James W.....	Franklin
Hawkins, Herbert H.....	Jefferson
Harrington, Chester S.....	Albion
Hess, Eliza Mae.....	Starjunction
Hill, Richard C.....	Cochranton
Hickman, Elmer W.....	Arnold
Hilty, Edna.....	Vandergrift
Henry, Ernest O.....	Barrendale
Hughes, Joseph S.....	Tioga
Henry, Fred.....	Apollo
Harris, Berko K.....	Sistersville, W. Va.
Hays, W. Leland.....	Valencia
Hill, J. Nelson.....	Clairton
Hobaugh, Carl.....	Butler
Heasley, Claude D.....	Grove City
Jewett, Hallis I.....	Custer City
Jewett, Margaret I.....	Custer City
Jewett, Sheldon, Jr.....	Custer City
Keitzer, Mary.....	Homestead, R. F. D. 1
Ketler, Frank C.....	Grove City
Koonce, Irma.....	Kennerdell
Kerman, Katherine C.....	Pittsburgh
Kightlinger, Clifford.....	Townville
King, James G.....	Union City
Kohlmeyer, Paul R.....	Grove City
Lewis, Lily.....	Erie
Lloyd, Morgan J.....	Taylor
Larsen, Roscoe E.....	Franklin
La Camera, Frank.....	Farrrell
Leslie, Ruth.....	Arnold

Lockhart, Evelyn P.	Toledo, O.
Mark, Olin E.	Titusville
Mateer, John A.	Ford City
Mateer, Robert E.	Mosgrove
Miller, Stella	Grove City
Montgomery, Nevin	Shade Gap
Montgomery, Merritt E.	Grove City, R. F. D. 16
Magee, J. Frank	Grove City
Montgomery, Louise	Pitcairn
McClure, Eliza	Pittsburgh
McCracken, Mary A.	Pittsburgh
McCune, George	Grove City
McCutcheon, Arthur C.	Apollo, R. F. D. 2
McKinstry, Samuel A.	Vandergrift
McKavney, Elizabeth	Pittsburgh
McKinley, Harry C.	Polk
McQuiston, Margaret C.	Pittsburgh
McSwiggen, Alice	Pittsburgh
McGowan, G. R.	Renfrew
Morris, James L.	Warrendale
Oesterling, Inez	Zelienople
O'Donnell, Wayne E.	Reynoldsville
Parke, Delos H.	Livermore
Phipps, Clifford	Clintonville
Parker, George E.	Cowensville
Patterson, Ollie T.	Pittsburgh
Peters, Albert M.	Ligonier
Phillips, Laura A.	Pittsburgh
Patterson, Andrew W.	Butler
Painter, Edith Ethel	Dawson
Perry, Roy	Emlenton
Pittinger, Thomas	Toronto, O.
Philippe, Jules	Ford City
Patterson, John R.	Brockwayville
Rahiser, Alma L.	Evans City
Rahiser, Wesley L.	Evans City
Riley, James	Sykesville
Raub, Glesson	Vandergrift
Reed, Victor O.	Franklin
Reed, Spencer H.	Tunkhannock
Ritter, James H.	McCoysville
Runyan, Bessie	Ellwood City
Reichard, James I.	Sandy Lake
Reiter, Florence A.	Pittsburgh
Rodemoyer, Norbert	Stoneboro
Rutledge, H. E.	Livermore
Robb, Raymond	Chicora
Robins, Minnie	Grove City
Sample, Florence B.	Pittsburgh
Seel, Edward G.	Etna
Seif, Louisa D.	Pittsburgh
Smith, Jane	Reynoldsville
Shorts, Loyal M.	Grove City
Sowash, H. Leo	Slippery Rock
Smith, Harry H.	Dagus Mines

Snebold, George.....	Natrona
Spleen, Florence.....	Kane
Stahlman, Calvin A.....	Grove City
Summerville, William R.....	Rimersburg
Saul, R. Roy.....	Greensburg
Smith, Margaret.....	Lanes Mills
Schaeffer, Emmett.....	Pitcairn
Stewart, Charles S., Jr.....	Transfer
Veach, Vance.....	New Castle
Vogan, Guy S.....	Sandy Lake
Walter, J. Roy.....	Apollo
Watts, William.....	Kerrmoor
Wilson, Floyd.....	Prospect
Weigle, Rose E.....	Grove City
Walter, Adda.....	Siegel
Whitaker, Morton.....	Instanter
Wagener, Dena N.....	Marion Center
White, Andrew J.....	Roscoe
Wiley, Howard G.....	Edenburg
Williams, Mary.....	Ridgway
Washabaugh, Margaret.....	Grove City
Weisgerber, Lily.....	Luthersburg
Young, Charlotte.....	Harrisville
Zerbe, Arthur F.....	Juniata

Ladies, 67; Gentlemen, 113; Total, 180.

Stenography and Typewriting

Alston, Carrie.....	Pittsburgh
Crain, Frances.....	Mercer
Gibson, Olive.....	Grove City
Koonee, Grace.....	Grove City
Koonee, Minnie.....	Grove City
Niece, Helen.....	Grove City
Moorhead, James E.....	New Castle
Mathieson, Nellie.....	Grove City
McClure, Florence.....	Sandy Lake
McCrae, Jean.....	Mercer
Pattison, June E.....	Clymer
Speers, Agnes.....	Grove City
Ramsey, Erla.....	Renfrew
Walker, Anne.....	Carnegie
Walker, Hazel M.....	Carnegie
Young, Helen.....	Grove City

Ladies' 15; Gentlemen, 1; Total, 16.

Business

Beere, Norman.....	Kittanning
Bell, Russell D.....	West Middlesex
Buchanan, Walter D.....	Grove City
Elder, Robert T.....	Grove City
Gibson, Olive.....	Grove City
Jewett, Sheldon, Jr.....	Custer City
Kyle, Thompson R.....	Harrisville

Kerr, W. O.....	New Castle
Moorhead, James E.....	New Castle
McCartney, Ada.....	Sandy Lake
McGowan, G. R.....	Renfrew
O'Donnell, Wayne E.....	Reynoldsville
Perry, Roy.....	Emlenton
Price, Ethel.....	Sharon
Patterson, Andrew W.....	Butler
Poehlmann, Frank.....	Grove City
Rhodes, Benjamin C.....	Grove City

Ladies, 3; Gentlemen, 14; Total, 17.

Art

Cimmero, Joe.....	Niles, O.
Goetz, Margaret.....	McKeesport
Heylman, Verda B.....	Marsh Hill
Hickman, Elmer W.....	Arnold
Lockwood, Ada.....	Zelienople
White, Frances.....	Burnside

Ladies, 4; Gentlemen, 2; Total, 6.

Pedagogy

Abplanalp, Bertha E.....	Ridgway
Alston, Carrie.....	Pittsburgh
Anthony, Hulda.....	Grange
Askin, Bessie D.....	Pittsburgh
Baird, Margaret C.....	Pittsburgh
Baird, Margaret W.....	McKeesport
Baker, Bertha.....	McKeesport
Barger, Lottie P.....	St. Petersburg
Barnes, Kate.....	Grove City
Bartoo, Mrs. Blanche S.....	Mills
Bartoo, Herbert.....	Ulysses
Bell, Alice M.....	Pittsburgh
Boal, Elizabeth.....	West View
Boarts, Alma.....	Kittanning, R. F. D. 1
Bothwell, Emma F.....	Beaver Falls
Botsford, Bertha.....	Marion Center
Bovard, Ethel E.....	Grove City
Bowers, Marie.....	Big Run
Brockmyer, Elizabeth.....	Noblestown
Brown, Nora V.....	Plymouth
Bryan, Nellie V.....	Washington
Bullers, Verlie.....	Brookville, R. F. D. 6
Burggraf, Lulu.....	Johnstown
Burkett, Minnie.....	Coolspring
Burrows, Mrs. Mayme.....	Grove City
Butler, Margaret.....	Reynoldsville
Bean, Ida M.....	Greenville
Carr, Edith.....	Punxsutawney
Clutton, Augustus T.....	Slippery Rock
Cole, Ina Gae.....	Beaver Falls
Condron, Laura.....	Punxsutawney
Crawford, May M.....	Beaver Falls

Crawford, Nell E.	Murdocksville
Crocker, Hazel H.	Ridgway
Clark, Elizabeth	Claridge
Davis, E. Grace	Altoona, R. F. D. 1
Davis, Lillian J.	McKeesport
Davidson, Eben D.	South Heights
De Carmier, Eva	Johnstonburg
Dickinson, Christine A.	Ridgway
Dickson, Matilda A.	Sharpsburg
Douds, Edward C.	New Sheffield
Driehorst, Laura Rose	Washington
Duffy, Kathryn	Bradford
Duffy, Marie	Bradford
Dwyer, Stacia	Plymouth
Dyer, Virda	Johnstown
Eckles, Susan	McKeesport
Ely, Katherine	Washington
Emmett, Clara	Dagus Mines
Erskine, Mary	Pittsburgh
Everitt, Eugertha R.	Gold
Fike, Geo. E.	Uniontown, R. F. D. 2
Fike, John A.	Uniontown, R. F. D. 2
Findley, Margaret	New Castle
Floyd, Adelia B.	Pittsburgh
Fonner, Hollis	Espyville Station
Frank, Clara I.	Monaca
Frank, K. Lydia	Monaca
Freeman, Maude R.	Cambridge Springs
Frew, Nancy	Grove City
Frye, Cora M.	Ligonier
Fuller, Mary Ruth	Upper Middletown
Gallagher, Lois	Zelienople
Gamble, Nancy	Beaver Falls
Garmon, Bess	Harmony
Garrett, Veronica	Brockwayville, R.F.D. 2
Garver, Bertha H.	Washington
George, Darrele	Belsano
Ghering, Lottie	Titusville, R. F. D. 78
Ghrist, Maude	Apollo, R. F. D. 2
Girvan, Nellie	Beaver Falls
Glenn, Janet	W. Sunbury
Goetz, Emily	McKeesport
Goetz, Margaret	McKeesport
Good, Grace M.	Pitcairn
Griffith, Edith B.	Indiana
Griffiths, Hilda	Washington
Guiles, Anna B.	Knoxville, R. F. D. 1
Gunning, Ella B.	Corydon
Heilman, Ivy E.	Elderton
Hickman, Elgie L.	Beaver Falls
Hindman, Edna	Grove City
Hobby, Eva	McKeesport
Hockenberry, Hazel D.	W. Sunbury
Holloway, Avien R.	McKeesport
Hood, Bertha	Monaca

Hood, Ralph S.	Hockstown
Hoover, Edna L.	Grove City
Howell, Wilma	Washington
Hughes, Pearl	Fairchance
Hutchison, Bernice E.	New Castle
Harbison, Martha	Indiana
Ion, Ella	New Bethlehem
Jackson, Cressie F.	Kane
James, Martha	Connellsville
Jennings, Martin J., Jr.	Scranton
Kelly, Kathryn H.	Connellsville
Kernan, Katherine C.	Pittsburgh
Kirtland, Mary A.	Knoxville
Kutz, Marguerite B.	Tunkhannock
Laffey, Anna	Connellsville
Landis, Elizabeth V.	Delmont
Langton, Mrs. Ella Vaux	Pittsburgh
Lawson, Ida	Spartansburg
Loope, Sadie	Duke Center
Lyon, Katherine G.	Corry
Lytle, Annie	Pittsburgh
Mackall, Mrs. Sylvia B.	Beaver
Mahon, Marie	Plymouth
Means, Frances	New Wilmington
Miller, Grace	Johnstown
Millin, Montana	Brookville
Morley, Lewis W.	Genesee
Murchland, Eliza	Eldersville
Murray, Vessa B.	Rew
McAllister, D. Thos.	Washington, R. F. D. 9
McBride, Rowena	Grove City
McCloskey, Emily	Ridgway
McClure, Belle	McKeesport
McClure, Eliza	Pittsburgh
McClymonds, Clara	Grove City
McCormick, Jennie A.	Fredonia, R. F. D. 31
McCracken, Mary A.	Pittsburgh
McCready, Adeline	Ridgway
McCready, Mary E.	Ridgway
McDowell, Esta	Ligonier
McGregor, Elva G.	Horatio
McKain, Vella	Grove City
McKavney, Elizabeth	Pittsburgh
McKenzie, Irene	Fairchance
McLinden, Agnes	Monongahela
McLinden, Rose	Monongahela
McMichael, Charline	McKeesport
McSwigggen, Alice	Pittsburgh
Neff, Jennie	Mahaffey
Newbold, Minnie	Frostburg
Noel, S. Grace	Ligonier
O'Donavan, Agnes	Connellsville
Oesterling, Inez	Zelienople
Oknefski, Josephine	Ridgway
Patterson, Lena	Rea



CAMPUS SCENE



FOOT BALL SQUAD, 1913

Patterson, Ollie T.	Pittsburgh
Peterson, Dora	Kane
Philips, Laura A.	Pittsburgh
Pierce, Edith	Westfield
Pierce, Isabelle	Westfield
Pontius, Claudia	Pittsburgh
Pringle, Belva	Ellwood City
Prowitt, Elizabeth R.	Washington
Piper, Lida	Shade Gap
Purcell, Marie	Pittsburgh
Ralston, Anna E.	Brockwayville
Rearic, Nelle M.	Yatesboro, R. F. D. 1
Rhodes, Fredda	Connellsville
Robertson, Cora B.	Reynoldsville
Ross, Bertha V.	Ligonier
Ross, Estelle	Falls Creek, R. F. D. 1
Rupert, Kathrine	McKeesport
Russell, Frances M.	Duke Center
Russell, Nettie A.	Duke Center
Rutter, Pearl	Hazel Dell
Saunders, Lloyd L.	Centerville
Scott, Ethel	Woodlawn
Schreiber, Ethel	Dagus Mines
Seawright, Wilmer H.	New Brighton
Seif, Louisa D.	Pittsburgh
Shaffer, Mabel	Coolspring
Shillito, Zula	Beaver Falls
Simmons, Eva	Bear Lake
Snyder, Melva	Apollo
Sober, Leona L.	Apollo
Snyder, Mary	Kittanning
Staup, Ada	Monaca
Stephenson, Mary	Hanlin Station
Swift, Gertrude C.	Ridgway
Taylor, Nellie	Ridgway
Thomas, Mary M.	Connellsville
Thomas, Nettie M.	New Brighton
Tongren, Minnie	Ridgway
Truby, Bertha W.	Apollo
Welsh, M. Lorene	Eldred
Westlake, Edward F.	Washington
Wertz, Elda	Johnstown
Williams, Mary	Ridgway
Williams, Violet G.	Altoona
Wood, Ida E.	Ridgway
Wood, Lillon A.	Shinglehouse
Wolfe, Goldie	Beaver Falls
Wolfe, Olive	Tionesta
Wylie, Eva J.	Apollo
Yard, Linnie A.	Grove City
Zehner, Sarah C.	Zelienople

Ladies, 180; Gentlemen, 13; Total, 193.

Supervision

Archibald, Ralph M.	Shiloh, N. J.
Binlyn, Elizabeth	Greensburg
Bryan, W. S.	Carnegie
Craig, S. R.	Mercer
Costello, John F.	Genessee, N. Y.
Conniff, T. M.	Plains
Crumrine, L. R.	Washington
Coughlin, James M.	Wilkes-Barre
Elliott, Florence	Freeport
Elliott, H. H.	Freeport
Floyd, Adelia B.	Pittsburgh
Gerberich, G. B.	Greenville
Henderson, Eugene L.	Shippingport
Heinaman, F. S.	Youngsville
Hamilton, Samuel	Wilkinsburg
Hoban, C. F.	Dunmore
Irvine, V. K.	Butler
Jennings, M. J.	Seranton
Johnston, W. M.	Sharpsville
Korns, Chas. H.	Bradford
Kingsley, F. D.	Cochranton
Kingsley, T. E.	Pleasantville
Locke, David C.	Monaca
Lawson, W. M.	Dayton
Martin, Dean W.	New Castle
Melchior, Wm. F.	Richland
Maxwell, Robert R.	Grove City
Moore, J. F.	Pittsburgh
McSwiggen, Alice	Pittsburgh
McClure, Eliza	Pittsburgh
McNaughton, C. M.	Reimersburg
McConnell, H. E.	Mercer
Peirce, W. M.	Ridgway
Rodgers, A. W.	Apollo
Steele, Walter R.	Apollo
Westlake, Edward F.	Washington
Wineland, M. B.	Juniata

Ladies, 5; Gentlemen, 32; Total, 37.

MUSIC DEPARTMENT

POST GRADUATES

Vocal

Hanna, Arthur..... Grove City

Piano

Seiple, Stanley J..... Greenville
Gentlemen, 2; Total, 2.

GRADUATES

*Piano, Teachers' Course**Teaching Beginning Grade*

Monro, Carrie..... New Castle
Treffinger, Beulah..... New Bethlehem

Teaching Beginning and Middle Grade

Moorhead, Adda..... Volant
Schumaker, Florence..... Ellwood City

Teaching Beginning, Middle and Low Grade

Bachop, Emma..... Sheakleyville
Mehler, Marie..... Sharpsville
Roudabush, G. Alma..... Altoona

Fitness for Independent Development as Pianist

Bachop, Emma..... Sheakleyville
Mehler, Marie..... Sharpsville
Roudabush, G. Alma..... Altoona

Violin Teachers Course, and Fitness for Independent Development as Violinists

Boots, Sylvia..... Grove City

Church and Solo Organist

Gray, D. Vincent..... Clintonville
Seiple, Stanley J..... Greenville

Fitness for Independent Development as Concert Singer

Hanna, Arthur..... Grove City
Ladies, 8; Gentlemen, 3; Total, 11.

UNDERGRADUATES

Piano

Baird, Margaret W..... McKeesport
Beal, Emily..... Clarks Mills
Bell, Ellen..... Punxsutawney

Blair, Isabel.....	Parkers Landing
Christler, Olive B.....	Murdocksville
Chamberlain, Helen.....	Grove City
Couch, Terza.....	Sykesville
Culley, Audrey.....	Hookstown
Des Rochers, Chester H.....	Instanter
Davis, Erma.....	North Braddock
De Shong, Olive.....	Apollo
Fraenkel, Marguerta.....	Mercer
Fithian, Leila.....	Grove City
Freeman, Maude.....	Cambridge Springs
Graham, Elizabeth.....	Mercer
Grace, Martha.....	Clarks Mills
Ghering, Lottie.....	Titusville
Goetz, Emily.....	McKeesport
Halinan, Claire.....	Milton
Hess, Eliza Mae.....	Starjunction
Heylman, Verda B.....	Marsh Hill
Holmes, Helen.....	Hookstown
Jewett, Margaret.....	Custer City
Krebs, Clara.....	Norwich
Kurtz, Cleta.....	Lamartine
Koonce, Irma.....	Kennerdell
Lemmon, Robert.....	Mt. Pleasant
Lehr, John H.....	South Sharon
Logan, Charlotte.....	Mercer
Leslie, Edith.....	Arnold
Lytle, Helen.....	Apollo
Montgomery, Blanche.....	Grove City
Montgomery, Louise.....	Pitcairn
McGarr, Esther.....	Grove City
Peifer, Leona.....	DuBois
Poehlmann, Ilsa.....	Grove City
Pryor, Evelyn.....	Emlenton
Patton, Jean.....	Vandergrift
Robins, Ruth.....	Fredonia
Reznor, Mary.....	Mercer
Rhodes, Gladys.....	Pittsburgh
Robb, Mary Snyder.....	Brockport
Ramsey, Christine.....	St. Marys
Smith, Margaret.....	Lanes Mills
Smith, Beulah.....	Cabot
Stewart, Alletta.....	Mercer
Sutman, Hudson T.....	Monongahela
Schmitz, Edward.....	Uniontown
Seiple, Stanley J.....	Greenville
Slater, Georgia.....	Grove City
Veach, Samuel M.....	New Castle
Wilson, Roxanna.....	Wheeling, W. Va.
Wilkin, Florence.....	Volant
Whieldon, Lucile.....	Fredonia
Wyman, Jessie.....	Reimersburg
Wasser, Helen.....	Fredonia
Weigel, Rose.....	Grove City

Ladies, 51; Gentlemen, 7; Total, 58.

Vocal

Allen, Percival.....	Grove City
Arnold, Laura.....	Ridgway
Bartholomew, Lucy.....	Denver, Col.
Bell, Ellen.....	Punxsutawney
Beal, Emily.....	Clarks Mills
Crain, Frances.....	Mercer
De Shong, Olive.....	Apollo
Dale, Mary.....	Grove City
Gray, D. Vincent.....	Clintonville
Gould, Charles H.....	Grove City
Gealy, Mildred.....	Grove City
Hanna, Arthur.....	Grove City
Hosick, Gertrude.....	Grove City
Humes, Helen.....	Mercer
Kolz, Cecilia.....	Grove City
Lytle, Helen.....	Apollo
Mehler, Marie.....	Sharpsville
Minehan, Anna.....	Sharpsville
Moser, Walter L.....	Butler
Peeler, Margaret.....	Grove City
Poehlmann, Ilsa.....	Grove City
Potts, Lucia A.....	Custer City
Rhodes, Gladys.....	Pittsburgh
Ramsey, Christine.....	St. Marys
Thompson, Celia.....	Grove City
Weidman, Helen.....	Mercer

Ladies, 21; Gentlemen, 5; Total, 26.

Violin

Emery, Esther.....	Mercer
Heylman, Verda B.....	Marsh Hill
Henderson, Blanche.....	Mercer
Jewett, Hallis I.....	Custer City
Jamison, John C.....	Eau Claire
Munnell, Helen.....	Mercer
Reynolds, Esther.....	Grove City

Ladies, 5; Gentlemen, 2; Total, 7.

Organ

Goetz, Emily.....	McKeesport
Gray, D. Vincent.....	Clintonville
Kelly, Helen.....	New Castle
Miller, Stella.....	Grove City
Ramsey, Christine.....	St. Marys
Schumaker, Florence.....	Ellwood City
Wilson, Roxanna.....	Wheeling, W. Va.

Ladies, 6; Gentlemen, 1; Total, 7.

Counterpoint

Climenhaga, John A.....	Grantham
Gray, D. Vincent.....	Clintonville
Schumaker, Florence.....	Ellwood City

Ladies, 1; Gentlemen, 2; Total, 3.

Harmony

Blair, Isabel.....	Parkers Landing
Bell, Ellen.....	Punxsutawney
Couch, Terza.....	Sykesville
Davis, Erma.....	North Braddock
De Shong, Olive.....	Apollo
Graham, Elizabeth.....	Mercer
Gray, D. Vincent.....	Clintonville
Halinan, Claire.....	Milton
Lytle, Helen.....	Apollo
Montgomery, Blanche.....	Grove City
Peifer, Leona.....	DuBois
Smith, Beulah.....	Cabot
Slater, Georgia.....	Grove City
Sutman, Hudson T.....	Monongahela
Wilkin, Florence.....	Volant

Ladies, 13; Gentlemen, 2; Total, 15.

TEACHERS INSTRUCTION

Piano

Blair, Isabel.....	Parkers Landing
Bell, Ellen.....	Punxsutawney
Davis, Erma.....	North Braddock
Graham, Elizabeth.....	Mercer
Holmes, Helen.....	Hookstown
Lytle, Helen.....	Apollo
Montgomery, Blanche.....	Grove City
Peifer, Leona.....	DuBois
Smith, Beulah.....	Cabot

Ladies, 9; Total, 9.

Vocal

De Shong, Olive.....	Apollo
Lytle, Helen.....	Apollo
Peifer, Leona.....	DuBois

Ladies, 3; Total, 3.

Forms

Gray, D. Vincent.....	Clintonville
Smith, Beulah.....	Cabot

Ladies, 1; Gentlemen, 1; Total, 2.

Elements of Music

Bell, Ellen.....	Punxsutawney
Krebs, Clara.....	Norwich
Kurtz, Cleta.....	Lamartine
Mehler, Marie.....	Sharpsville
Rhodes, Gladys.....	Pittsburgh
Slater, Georgia.....	Grove City
Wasser, Helen.....	Fredonia
Wilkin, Florence.....	Volant
Wyman, Jessie.....	Riemsburg

Ladies, 9; Total, 9.

Dictation

Bell, Ellen.....	Punxsutawney
Blair, Isabel.....	Parkers Landing
Davis, Erma.....	North Braddock
De Shong, Olive.....	Apollo
Graham, Elizabeth.....	Mercer
Halinan, Claire.....	Milton
Holmes, Helen.....	Hookstown
Montgomery, Blanche.....	Grove City
Peifer, Leona.....	DuBois
Pryor, Evelyn.....	Emlenton
Rhodes, Gladys.....	Pittsburgh
Smith, Margaret.....	Lanes Mills
Smith, Beulah.....	Cabot
Slater, Georgia.....	Grove City

Ladies, 14; Total, 14.

Model

Acher, Frances.	Irwin, Thorne.
Barnes, Margaret.	Moon, Paul.
Bigler, Emerson.	McCune, Martin.
Calder, Helen.	McChesney, Ruth.
Calder, Priscilla.	McWilliams, Gertrude.
Daugherty, Harold.	Pringle, James.
Daugherty, Haywood.	Pringle, Joseph.
McGarr, Esther	Pringle, David.
Harmon, Paul.	Scott, Helen.
Hallett, May.	Van Horn, Jennie.
Koonce, Ruth.	Williams, Gertrude.

Ladies, 12; Gentlemen, 10; Total, 22.

SUMMARY

Collegiate Department

	Ladies	Gentlemen	Total
Post Graduates	1	21	22
Seniors	23	36	59
Juniors	4	15	19
Conditional Juniors	11	26	37
Sophomores	26	70	96
Freshmen	15	46	61
Conditional Freshmen .....	....	9	9
Preparatory and Special Students...	67	113	180

Commercial Department

Stenography and Typewriting.....	15	1	16
Business	3	14	17
Art	4	2	6

Pedagogy Department

Pedagogy	180	13	193
Supervision	5	32	37

Music Department

Post Graduates .....	....	2	2
Graduates	8	3	11

Undergraduates

Piano	51	7	58
Vocal	21	5	26
Violin	5	2	7
Organ	6	1	7
Counterpoint	1	2	3
Harmony	13	2	15

Teachers' Instruction

Piano	9	....	9
Vocal	3	....	3
Forms	1	1	2
Elements of Music.....	9	....	9
Dictation	14	....	14
Model Class	12	10	22
Different Students	386	411	797



CAMPUS SCENE



MAY POLE, COMMENCEMENT, 1913

DEGREES AND HONORS

At the annual meeting of the Board of Trustees, June 11, 1913, the following degrees were conferred:

Bachelor of Philosophy

Acher, Howard Mossman.....	Grove City
Herlinger, Harry Virgil.....	Indiana
Jamison, John Calvin.....	Eau Claire
King, John A.....	Grove City
Kiskaddon, William Walter.....	Grove City
Means, Herbert G.....	Madera
Reiter, Ralph L.....	Unity
Thompson, Homer H.....	Grove City

Bachelor of Science

Bottenhorn, Barclay Hugh.....	State College
Coulter, Joseph R.....	Grove City
Henderson, Earl F.....	Sandy Lake
Hoyt, Creig S.....	Arkport, N. Y.
Kendall, Harold St. Clair.....	Marienville
Trezona, Guy D.....	Grove City
Wolfe, Edna Hughes.....	Leetsdale

Bachelor of Arts

Archibald, Ralph M.....	Shiloh, N. J.
Barnes, William Clyde.....	Jackson Center
Booth, Flora May.....	W. Alexander
Byers, Ora Mildred.....	Vandergrift
Breckenridge, Marguerite J.....	Grove City
Burns, Bessie Anna.....	Mercer
Caruthers, Mary Bruce.....	Bellevue
Cheeseman, Franklin P.....	Slippery Rock
Davidson, Sarah Nelle.....	Grove City
Doerr, John Alfred.....	Keister
Forsyth, William David.....	Millvale
Good, Edward Claire.....	Dayton
Gilbert, Ralph V.....	Fredonia
Gilliland, Howard S.....	Chester, W. Va.
Gudekunst, J. Edward.....	Zelienople
Harlan, Mrs. Mary E.....	Kennerdell
Hoban, Charles F.....	Dunmore
Hoesch, William A.....	Grove City
King, J. Earl.....	Hilliard
Locke, David C.....	Monaca
Love, Albert Alexander.....	McDonald
McAnich, Chelcie Jane.....	Lamartine
Masters, Harry L.....	Centerville
Mead, Mary Burleigh.....	Curwensville
Miller, Pauline Frances.....	Butler

Morledge, J. Walker.....	Grove City
Myers, Margaret Hazel.....	Mercer
Norris, Letitia White.....	Swissvale
Peeler, George H.....	Grove City
Peebles, Genevieve.....	Grove City
Price, Irene.....	Sharon
Ramsey, Arthur.....	Jeannette
Ramsey, U. Clifford.....	Portersville
Rodkey, Edith.....	Mahaffey
Scofield, Leila Irene.....	Jefferson, O.
Shields, Arthur W.....	Coraopolis
Steel, Edith Mariah.....	Apollo
Stewart, Samuel Mertz.....	Emlenton
Sweeney, Jeremiah J. William.....	St. Marys
Wakefield, Florence K.....	Greenville
Weidman, Helen L.....	Mercer
Welsh, Margaret Ruth.....	New Castle
Young, Nancy Lorene.....	Mercer
Young, Josephine.....	Mercer

Music Graduates

Bachop, Emma.....	Sheakleyville
Boots, Sylvia.....	Grove City
Gray, D. Vincent.....	Clintonville
Hanna, Arthur.....	Grove City
Mehler, Marie.....	Sharpsville
Monro, Carrie.....	New Castle
Moorhead, Adda.....	Volant
Roudabush, Alma.....	Altoona
Schumaker, Florence.....	Ellwood City
Seiple, Stanley.....	Greenville
Treffinger, Beulah.....	New Bethlehem

Master of Arts

Coughlin, James M., pro merito.....	Wilkes-Barre
Welfling, R. O., causa honoris.....	Coudersport

Doctor of Divinity, Honorary

Allen, W. E., '89, Moderator of Presbytery, Synod of W. Va.	
Losa, Vaclav, Supt. of Foreign Work in Pittsburgh Presbytery.	
Marsh, Daniel L., Pastor of First Methodist Episcopal Church of Sewickley.	
Moore, John M., '94, Secretary Missionary Societies of the Northern Baptist Convention.	
McCamay, John A., '98, Superintendent of the New Castle District of the Methodist Episcopal Church.	
McNees, W. S., '85, Stated Clerk of the Butler Presbytery.	
Risk, Joseph B., Pastor of Lincoln Avenue Methodist Episcopal Church of Pittsburgh.	

Doctor of Laws, Honorary

Maltby, Albert E., Principal of State Normal School, Slippery Rock.

Doctor of Philosophy in cursu

Calder, Robert Scott, Pastor and Professor of Bible at Grove City College.

Cray, Daniel J., Superintendent of the Larksville Schools.

Peirce, Walter M., Superintendent of Schools at Ridgway.

Smathers, Charles Blaine, '02, Examiner and School Visitor Pennsylvania State Bureau of Professional Education.

Young, Sylvester W., Pastor of Harrisville and New Hope Presbyterian Churches.

HONORS

Music Department

Miss Alma Roudabush in acknowledgement of her superior talent, her great progress in Piano and her excellent work in Harmony, Forms and Duet playing.

Miss Marie Mehler in acknowledgement of her great talent, her great diligence and progress in Piano playing and her excellent work in the Teachers' Seminary.

Miss Sylvia Boots in acknowledgement of her great talent, her great diligence and progress in Violin and her good work in all other branches.

Miss Emma Bachop in acknowledgement of her great talent and her constant indefatigable diligence and good progress in Piano playing and her good work in the Teachers' Seminary.

Literary Department

Summa cum laude—Arthur Ramsey.

Magna cum laude—Flora May Booth, Marguerite J. Breckenridge, Mary Bruce Caruthers, Earl F. Henderson, Creig S. Hoyt, Harold S. Kendall, Letitia White Norris and Arthur W. Shields.

Cum laude—Ralph V. Gilbert, Mary E. Harlan, J. Walker Morledge, Genevieve Peebles, Samuel Mertz Stewart, Edna Hughes Wolfe, Nancy Lorene Young, Josephine Anna Young.

UNIVERSITY OF ILLINOIS-URBANA



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